J.C. ROCHESTER & CO. INC.

MANUFACTURERS
and DISTRIBUTORS

BUILDING SPECIALTIES

1929
Catalog 3G

2512 Park Avenue
NEW YORK

J.C. ROCHESTER & CO. INC.

BUILDING SPECIALTIES

TELEPHONE
1500—1501—1502
MOTT HAVEN

OFFICE & WAREHOUSES
2512 PARK AVENUE
NEW YORK

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CATALOGUE 3G

WE WANT to call your attention to the many new products illustrated and described in this catalogue. Also changes and new features affecting products shown in our past catalogues have been brought up to date.

As Manufacturers and Distributors of Nationally known Building Specialties we take pride in the character of our products and the reputation for fair dealing which we have long enjoyed. Every product is guaranteed. We shall extend every effort possible to satisfy our customers who rely on this catalogue in their selections.

Architects will find this catalogue of assistance. We recommend that dealers submit it to architects in their respective localities. Selection of numerous products that can be purchased from one source is a saving to Architect, Dealer, Contractor and Owner. Particularly do we emphasize this feature of our service—by purchasing in large volume, handling these larger units at minimum cost both in labor and overhead; and distributing uniform margin over our entire line rather than separate profit on individual items—by this centralized buying and service we effect large economies—you, Mr. Dealer, have the same opportunity.

PRICES IN THIS CATALOGUE ARE LIST PRICES. NET PRICES ARE FURNISHED ON OUR CURRENT PRICE LIST ISSUED AS MARKET CONDITONS WARRANT—OR IN ANSWER TO SPECIFIC INQUIRIES.

SUPPLEMENTS TO THIS CATALOGUE WILL BE ISSUED FROM TIME TO TIME. THEY WILL CONTAIN ADDITIONS, CHANGES IN SPECIFICATIONS, AND CHANGES IN LIST PRICES WHEN MARKET CONDITIONS WARRANT.

We will be pleased to answer inquiries relative to any of our products whether of a technical nature or otherwise.

NOTE

Please order products by number.

If number in catalogue applies to a group or class of products then give also in addition to the number, the size, weight, dimension or other characteristic of the particular item wanted.

Terms 2% discount for cash 10 days from date of invoice or 30 days net. SEE CURRENT PRICE LIST FOR NET PRICES.

Claims for damage or shortage will NOT BE ALLOWED unless made within 5 days from receipt of goods. If damage is caused by transportation company consignee should put in claim direct with such carrier although we will handle claim for consignee if paid freight bill with notation of Railroad Agent as to damaged items is sent to us promptly.

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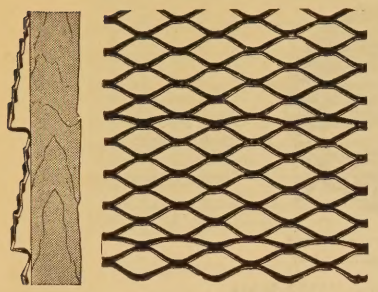
METAL LATH

Corrugated Self-Furring



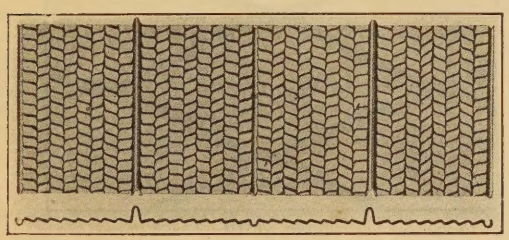
Back plastering Stucco.

Nos. 31321, 31322, 31323

Forms a self-furring rigid lath, with lateral edges over 1⅞ in. throughout the horizontal course of the sheet. It is widely used for back plastered stucco and interior stucco.

Ser. No.	Lbs. Sq. Yd.		Size of Sheets	Sheets in Bdle.	Sq. Yds. in Bdle.	List Price 100 Sq. Yd.
31321	2.2	Pt'd Black	24x96 in.	9	16	$21.50
31321	2.5	Pt'd Black	24x96 in.	9	16	22.50
31321	3.0	Pt'd Black	24x96 in.	9	16	24.00
31321	3.4	Pt'd Black	24x96 in.	9	16	25.00
31323	2.2	Copper Alloy	24x96 in.	9	16	22.50
31323	2.5	Copper Alloy	24x96 in.	9	16	23.50
31323	3.0	Copper Alloy	24x96 in.	9	16	25.00
31323	3.4	Copper Alloy	24x96 in.	9	16	26.00
		("Copper Alloy" tagged and car seal)				
31322	2.5	Galvanized	24x96 in.	9	16	25.00
31322	3.4	Galvanized	24x96 in.	9	16	28.00

Ideal Rib Lath (⅜ in. Rib)



Nos. 31331, 31333

Rigid throughout, strong key, smooth surface.

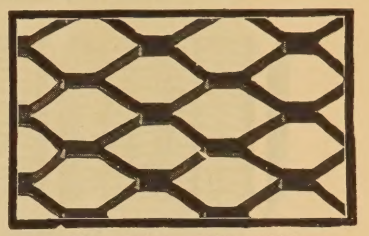
Designed to meet in every respect the recognized high standard of excellence. Its unique construction makes it not only rigid in the ribs, but also rigid crosswise—due to the peculiar twist of the strand. Ribs are 4" on center. IDEAL RIB has no rival. It is economical and easy to handle. The small outside rib insures even nesting in the bundle. So, the sheets come to the lather in perfect condition. Also, lapping can be done without making humps or ridges. IDEAL RIB is easy to plaster. Its smooth surface makes for fast work, and its slight "give" properly takes the plaster from the trowel. The twist of the strands gives a strong key to even a thin scratch coat. Real plastering economy and a perfect job is assured.

Ser. No.	Lbs. Sq. Yd.		Size sheet in inches	Sheets in Bdle.	Sq. Yds. in Bdle.	SPACINGS Walls in.	SPACINGS Ceiling in.	List price 100 Sq. Yds
31331	3.0	Pt'd Black	24x96 in.	9	16	19-24	18-22	$27.00
31331	3.4	Pt'd Black	24x96 in.	9	16	24-30	22-28	28.00
31331	4.0	Pt'd Black	24x96 in.	9	16	32-36	24-30	30.00
31333	3.0	Copper Alloy	24x96 in.	9	16	19-24	18-22	28.00
31333	3.4	Copper Alloy	24x96 in.	9	16	24-30	22-28	29.00
31333	4.0	Copper Alloy	24x96 in.	9	91	32-36	24-30	31.00

("Copper Alloy" tagged and car seal)

Expanded Diamond Mesh

For exacting ornamental plastering.



Nos. 31301, 31302, 31303

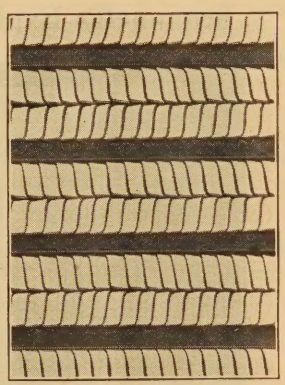
Specially adapted for the most exacting construction, such as ornamental plastering, coves, cornices, suspended ceilings, 2 in. solid partitions and plastered surfaces to be expensively decorated. The sheet is flat, straight-sided and rigid.

Ser. No.	Lbs. Sq. Yd.		Size of Sheets	Sheets in Bdle.	Sq. Yds. in Bdle.	List Price 100 Sq. Yd.
31301	2.2	Pt'd Black	24x96 in.	9	16	$20.50
31301	2.5	Pt'd Black	24x96 in.	9	16	21.50
31301	3.0	Pt'd Black	24x96 in.	9	16	23.00
31301	3.4	Pt'd Black	24x96 in.	9	16	24.00
31303	2.2	Copper Alloy	24x96 in.	9	16	21.50
31303	2.5	Copper Alloy	24x96 in.	9	16	22.50
31303	3.0	Copper Alloy	24x96 in.	9	16	24.00
31303	3.4	Copper Alloy	24x96 in.	9	16	25.00
		("Copper Alloy" tagged and car seal)				
31302	2.5	Galvanized	24x96 in.	9	16	24.00
31302	3.4	Galvanized	24x96 in.	9	16	27.00

Z-Rib Lath

The Universal Lath

is suitable for nailing on wood construction or for tying on metal furring and is designed for either the modest cottage or the modern skyscraper.



An improved flat-rib development exclusive in design. Not an experiment—it has demonstrated its value in the finest buildings everywhere—an outstanding success.

Its narrow "Z" Ribs (¼ inch wide—1½ inches on centers) add exceptional rigidity and provide shelves which hold the wet plaster in place both on front and back. By the combination of these sturdy ribs and its well-balanced mesh— just the right size, not too large, not too small—every step is made easy without waste of plaster.

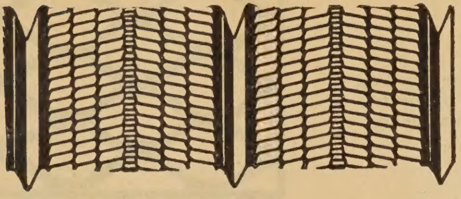
The lather likes Z-Rib Lath because it is smooth, rigid and true—its edges meet perfectly on laps—it goes up easily—it's mechanically correct. The plasterer likes Z-Rib Lath because it is smooth under the trowel—forms a perfect key—takes just enough plaster to make the most satisfactory job—does not waste plaster—insures a thorough reinforcement—and, finally, architects, contractors and owners like Z-Rib Lath because it assures a highly satisfactory plastering job for the life of the building.

Ser. No.	Lbs. Sq. Yd.		Size of Sheets	Sheets in Bdle.	Sq. Yds. in Bdle.	List Price 100 Sq. Yd.
31316	2.75	Pt'd Black	24x96 in.	9	16	$26.00
31316	3.0	Pt'd Black	24x96 in.	9	16	27.00
31316	3.4	Pt'd Black	24x96 in.	9	16	28.00
31318	2.75	Copper Alloy	24x96 in.	9	16	27.00
31318	3.0	Copper Alloy	24x96 ni.	9	16	28.00
31318	3.4	Copper Alloy	24x96 in.	9	16	29.00
31317	3.4	Galvanized	24x96 in.	9	16	31.00

("Copper Alloy" tagged and car seal)

METAL LATH

¾″ Ribplex Lath



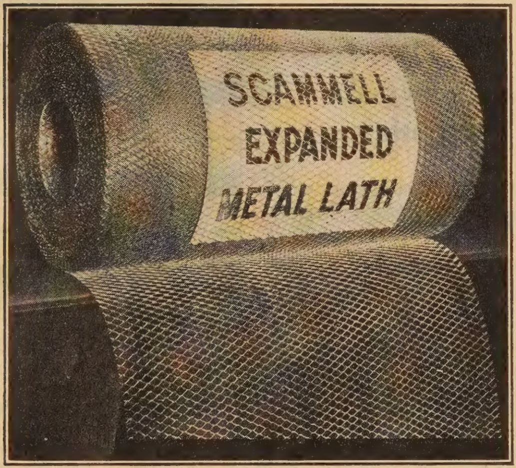
No. 31340

For effective centering and reinforcement.

The stiffness of the heavy self-furring expanded deep rib lath makes it a most effective centering and reinforcement for concrete roofs, floors, plaster partitions, and ceilings on very wide spacings for supports. Use it to your advantage also on forms of special work, as columns and beam protection, balconies, tanks, fences, walls, etc. Ribplex's stiff mesh is supported by ¾″ ribs at 4.8-in. intervals. Packed 9 sheets to a bundle.

Ser. No.	Ga.	Lbs. per 100 sq.ft.	Sec. area per ft.	Sheet width	Sheet lengths	List Price per 100 sq. ft.
31340	28	50	.1406 sq. in.	24 in.	4, 5, 6, 7,	$5.75
31340	26	60	.1688 sq. in.	24 in.	8, 9, 10, 11	7.00
31340	24	75	.2250 sq. in.	24 in.	and 12 feet	8.25

Scammell's Expanded Metal Lath



Nos. 31380-31383

Uses—For interior wall and ceilings, Scammell's Fibre-Back Metal Lath with plain or asphaltum backing is used for all interior plaster work where lath is needed. For all stucco, Scammell's Galvanized Asphaltum covered fibre-back is employed, also for interior work in damp places. No furring required for lath under stucco, nor tar-paper.

Also furnished not fibre-back.

Fibre-Back Metal Lath

Ser. No.	Lb. sq. yd.	Ga.		Width	Length Roll	Sq. Yd. in roll	List Price per sq. yd
31380	2.6	26	Pt'd Black	25 in.	150 ft.	34 13/18	$0.60
31380	3.4	24	Pt'd Black	25 in.	150 ft.	34 13/18	.75
31381	2.6	26	Pt'd Black	33 in.	150 ft.	45 5/6	.60
31381	3.4	24	Pt'd Black	33 in.	150 ft	45 5/6	.75
31382	3.	26	Galvanized	25 in.	150 ft.	34 13/18	.83
31382	3.8	24	Galvanized	25 in.	150 ft.	34 13/18	.88
31383	3.	26	Galvanized	33 in.	150 ft.	45 5/6	.83
31383	3.8	24	Galvanized	33 in.	150 ft.	45 5/6	.88

Bostwick Metal Lath

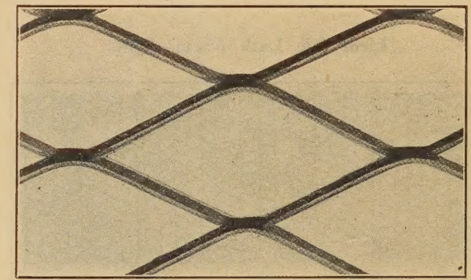
Bostwick Ideal plaster base—most satisfactory as floor lath

Nos. 31312-31315

Offers rigidity, a perfect key and plaster saving. Bostwick is stiffened by raised loops or arches—652 of them to the yard. It saves overlap, hence yardage. It saves supports through wider spacing. It saves furring since it becomes self-furring when loops are applied against the supporting surface. Above all, its rigidity means easier application and quicker plastering.

Ser. No.	Lbs. per Sq. Yd.		Size of Sheets	For Centers	Sheets in Bdle.	Sq. Yds. in Bdle.	List Price per sq. yd.
31312	4½	Pt'd Black	24 x96 in.	12x16x24 in.	9	16	$0.84
31313	4½	Pt'd Black	13½x96 in.	12x16x24 in.	10	10	.84
31314	5½	Galvanized	24 x96 in.	12x16x24 in.	9	16	1.20
31315	5½	Galvanized	13½x96 in.	12x16x24 in.	10	10	1.20

Expanded Metal



No. 31310

Formed cold, manufactured in a number of different sectional areas and weights. The large diamonds are used for concrete reinforcement in construction of Floors, Roofs, Sidewalks, Bridges, Sewers, Conduits, Tanks, Reservoirs, and Retaining Walls, while the smaller mesh finds a great variety of uses as in Gasoline Pumps, Cages, Gratings, Window Guards, Machinery Cages, Factory Partitions, and enclosures of all kinds. All Expanded Metal should be ordered by style number, giving size of sheet also.

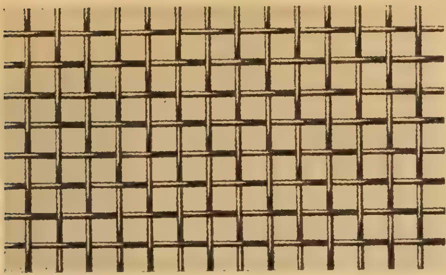
Sizes and styles shown below.

Style	Diamond	Sectional Area Sq. In.	Wt Lbs. Per Sq. Ft.	Standard Sizes Sheets Width Short Way of Diamond	Standard Sizes Sheets Length Long Way of Diamond
*3 -060-20	3x7 in.	.060	.20	5 ft. 4 in.	8 and 10 ft.
*3 -082 28	3x7 in.	.082	.28	5 ft. 4 in.	8 and 10 ft.
*3 -100-34	3x7 in.	.100	.34	5 ft. 4 in.	8 and 10 ft.
*3 -125-42	3x7 in.	.125	.42	5 ft. 4 in.	8 and 10 ft.
*3 -151-51	3x7 in.	.151	.51	5 ft. 4 in.	8 and 10 ft.
*3 -179 61	3x7 in.	.179	.61	5 ft.	8 and 10 ft.
*3 -200-68	3x7 in.	.200	.68	5 ft.	8 and 10 ft.
*3 -250-85	3x7 in.	.250	.85	5 ft.	8 and 10 ft.
*3 -300-102	3x7 in.	.300	1.02	5 ft.	8 and 10 ft.
*3 -350-119	3x7 in.	.350	1.19	5 ft.	8 and 10 ft.
2¼-100-34	2¼x5 in.	.100	.34	5 ft.	8 and 10 ft.
*2¼-151-51	2¼x5 in.	.151	.51	5 ft.	8 and 10 ft.
*1½-179-61	1½x3 in.	.179	.61	5 ft.	8 and 10 ft.
¾-151-51	¾x2 in.	.151	.51	6 ft.	8 ft.
** ¾-235-80	¾x2 in.	.235	.80	6 ft.	8 ft.
** ½-212 72	½x1 3/16 in.	.212	.72	6 ft.	8 ft.

NOTE: *Carried in stock in width shown above in 10′ lengths.
**Carried in stock in width shown above in 8′ lengths

Prices on application.

Wire Lath



Adaptable to decorative shapes and designs.

Not Stiffened

Used in the construction of partitions, ceilings, cornices, and on exterior stucco work. Very adaptable to ornamental shapes and designs.

Plain No. 31345

Mesh	Ga.	Width roll	Length roll	Sq. Yd. per roll	Wgt. lb. sq. yd.	List Price per sq. yd.
2	18	36 in.	150 ft.	50 sq. yd.	1.26	**$0.33**
2	19	36 in.	150 ft.	50 sq. yd.	.98	**.28**
2	20	36 in.	150 ft.	50 sq. yd.	.72	**.26**
2½	18	36 in.	150 ft.	50 sq. yd.	1.61	**.37**
2½	19	36 in.	150 ft.	50 sq. yd.	1.24	**.32**
2½	20	36 in.	150 ft.	50 sq. yd.	.90	**.29**
2½	21	36 in.	150 ft.	50 sq. yd.	.75	**.27**

Galvanized No. 31346

Mesh	Ga.	Width roll	Length roll	Sq. Yd. per roll	Wgt. lb. sq. yd.	List Price per sq. yd.
2	18	36 in.	150 ft.	50 sq. yd.	1.60	**$0.46**
2	19	36 in.	150 ft.	50 sq. yd.	1.22	**.38**
2	20	36 in.	150 ft.	50 sq. yd.	1.05	**.36**
2½	18	36 in.	150 ft.	50 sq. yd.	2.03	**.52**
2½	19	36 in.	150 ft.	50 sq. yd.	1.58	**.45**
2½	20	36 in.	150 ft.	50 sq. yd.	1.24	**.41**
2½	21	36 in.	150 ft.	50 sq. yd.	1.05	**.36**

Stiffened

Where special rigidity is desired or where Furring Strips are widely separated, wire lath may be provided with V-Stiffeners. These are rigid V-Shaped ribs of 24 gauge steel, securely fastened to the wires and extending across the fabric at 8-inch intervals. Besides adding stiffness, F-Stiffeners also afford an offset ⅜″ from supports to which lath is secured.

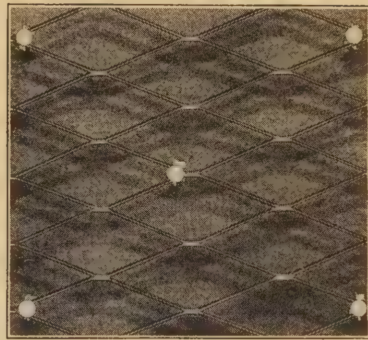
Plain No. 31347

Mesh	Ga.	Width roll	Length roll	Sq. Yd. per roll	Wgt. lb. sq. yd.	List Price per sq. yd.
2	18	36 in.	150 ft.	50 sq. yd.	1.70	**$0.47**
2	19	36 in.	150 ft.	50 sq. yd.	1.42	**.42**
2	20	36 in.	150 ft.	50 sq. yd.	1.16	**.40**
2½	18	36 in.	150 ft.	50 sq. yd.	2.03	**.51**
2½	19	36 in.	150 ft.	50 sq. yd.	1.65	**.46**
2½	20	36 in.	150 ft.	50 sq. yd.	1.35	**.44**
2½	21	36 in.	150 ft.	50 sq. yd.	1.20	**.41**

Galvanized No. 31348

Mesh	Ga.	Width roll	Length roll	Sq. Yd. per roll	Wgt. lb. sq. yd.	List Price per sq. yd.
2	18	36 in.	150 ft.	50 sq. yd.	2.20	**$0.65**
2	19	36 in.	150 ft.	50 sq. yd.	1.82	**.57**
2	20	36 in.	150 ft.	50 sq. yd.	1.65	**.53**
2½	18	36 in.	150 ft.	50 sq. yd.	2.63	**.72**
2½	19	36 in.	150 ft.	50 sq. yd.	2.18	**.63**
2½	20	36 in.	150 ft.	50 sq. yd.	1.88	**.58**
2½	21	36 in.	150 ft.	50 sq. yd.	1.65	**.53**

Stucco Mesh



The genuine inherent advantages of this type of stucco reinforcement are proved by its rapidly increasing popularity, and it is today considered by outstanding authorities on stucco construction the best most economical and most efficient stucco reinforcement now in use.

Cold drawn from the highest grate of Open Hearth steel into integral diamond mesh.

The diamond shaped mesh is recognized by engineers as giving far greater reinforcing value to the stucco construction, pound by pound, than any other type of stucco reinforcement upon the market. The diagonal strands give an ideal distribution of steel, not only to take care of the initial shrinkage, temperature, and wind stresses to which the stucco construction is subjected—but also to properly protect the stucco against unusual shock and impacts by equalizing such concentrated loads by diagonal distribution through the integral network of the diamond mesh strands. Recommended for reinforcing stucco overcoating on frame structures.

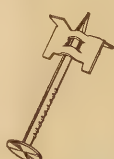
The Galvanized Economy nail is recommended for use with Stucco Mesh. Sufficient nails are furnished, gratis, with each square yard of Stucco Mesh.

No.		Weight per sq. yd.	Size of Diamond	Sizes of Sheets	List Price 100 sq. yds.
31362	Painted	3.6 lbs.	1⅜x3 in.	4x8 ft.	**$21.50**
31363	Galvanized	4. lbs.	1⅜x3 in.	4x8 ft.	**24.50**

27 sheets in bundle (96 square yards)

No.		Weight per sq. yd.	Size of Diamond	Size of Sheets	List Price 100 sq. yds.
31362	Painted	1.8 lbs.	1½x4 in.	4x8¼ ft.	**$29.50**
31363	Galvanized	2.0 lbs.	1½x4 in.	4x8¼ ft.	**32.50**

10 sheets in bundle (36 ⅔ square yards)

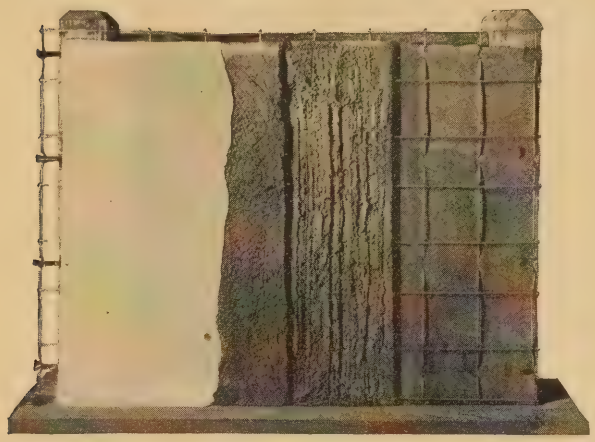


Economy Furring Nails

No. 31400

This nail is 1½ in. long, is equipped with a sliding spacer with nibs which catch and hold the mesh firmly in place through the slab, at a uniform distance of ⅜ in. from the backing. This nail saves your time and reduces your costs because it does away with the necessity for Pencil or Furring rods. Packed 850 Economy Furring Nails per box, sufficient for 50 sq. yds. of Stucco surface.

List price, per box **$3.00**



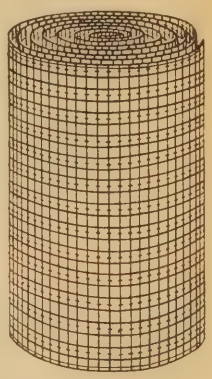
Steeltex for Plaster

No. 31351

Steeltex for Plaster is used in place of lath, but is far more than lath. It is a fabric of rust-proofed, galvanized, cold drawn steel, attached by furring device to a tough fibrous backing. The steel wire fabric provides equal reinforcing in all directions, the backing furnishes insulation and sound deadening. Plaster is applied by an ordinary sweep of the trowel and the furring will provide space for the plaster to spread under and around the fabric. As a result the plaster is reinforced and the steel is embedded in the plaster slab. Steeltex is easy to cut and bend; it is easy to fit odd corners, bays, offsets and angles.

Steeltex for Stucco, Overcoating, Brick and Stone Veneer

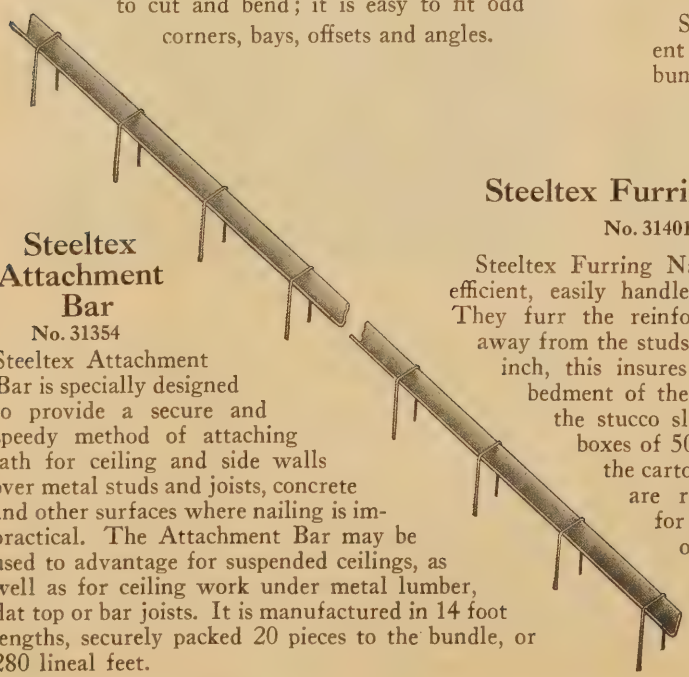
No. 31352



STEELTEX for stucco and overcoating is manufactured in both rolls and sheets. This material consists of a sturdy network of heavy galvanized Rust Proof steel wires, electrically welded on 2 inch centers. Attached to this mesh of fabric is a tough fibrous damp proofed backing. The two layers of water-resisting backing cemented together with waterproof mastic shut out cold and dampness in winter as well as heat in summer.

STEELTEX P-216 for brick and stone veneer is similar to Steeltex for Stucco except that it is made of lighter gauge wires and that the reinforcing wires are crimped to provide automatically the necessary furring—no furring nails are required for application. Furnished in rolls 50 inches wide and 108 feet long, or 50 square yards per roll.

Steeltex for Plaster is furnished in convenient size sheets, 50 x 28½ inches, shipped in bundles containing 50 sq. yds.



Steeltex Attachment Bar

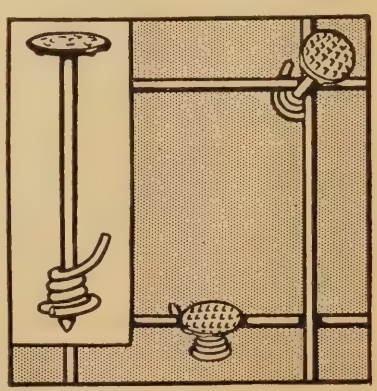
No. 31354

Steeltex Attachment Bar is specially designed to provide a secure and speedy method of attaching lath for ceiling and side walls over metal studs and joists, concrete and other surfaces where nailing is impractical. The Attachment Bar may be used to advantage for suspended ceilings, as well as for ceiling work under metal lumber, flat top or bar joists. It is manufactured in 14 foot lengths, securely packed 20 pieces to the bundle, or 280 lineal feet.

Steeltex Furring Nails

No. 31401

Steeltex Furring Nails are highly efficient, easily handled and driven. They furr the reinforcing material away from the studs or sheating ⅜ inch, this insures complete embedment of the reinforcing in the stucco slab. Packed in boxes of 500, 12 boxes to the carton. These nails are recommended for the application of Steeltex for Stucco.

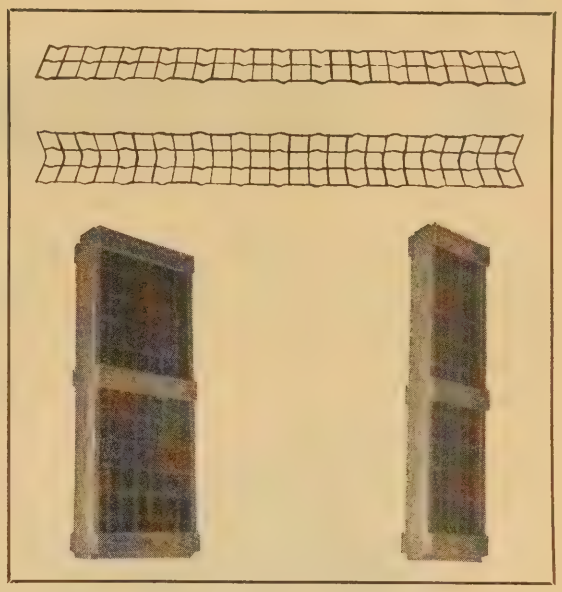


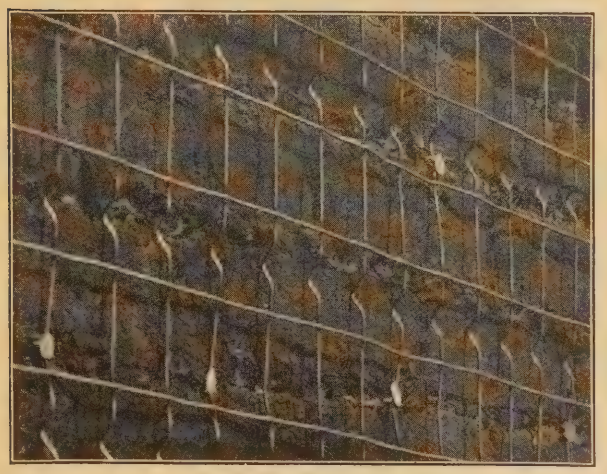
PRICES ON APPLICATION

National Reinforcing for Corners and Joints

No. 31353

National Reinforcing for Corners and Joints is a network of fabric, of heavy galvanized (non-rusting), cold drawn steel wire, electrically welded on 2 inch centers, embodying an automatic furring device (crimps), designed and manufactured for reinforcing corners and joints where wood lath, insulating lumber or wall board is used as a base for interior plaster. Corner Reinforcement is welded on 2 inch centers, each piece 50 inches long, each leg of each angle is 3 inches wide. Joint Reinforcement is 4 inches wide flat strips welded on 2 inch centers, packed 120 pieces, or 500 lineal feet to the bundle.





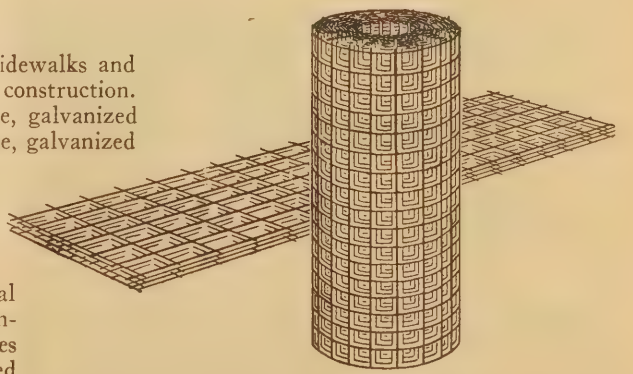
National Reinforcing Style C-214 and Style C-216

No. 51315

National Reinforcing Style C-214, and Style C-216 self-furring steel fabric, 2 inch square mesh, used over insulating lumber, brick, concrete blocks or sheathing as a reinforcement for plaster or stucco work. Fusnished in rolls 4 feet wide and 112½ feet long, containing 50 square yards of fabric reinforcing steel. There is no backing attached to this fabric.

National Reinforcing Styles CC-1010, CC-66 and BB-88

No. 51315

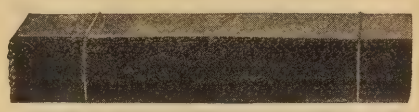


Styles CC-1010 and CC-66 in steel reinforcing for sidewalks and driveways, garage floors and other reinforced concrete construction. CC-1010 is 6 inches x 6 inches spacing of No. 10 gauge, galvanized wires, and CC-66 is 6 inches x 6 inches spacing No. 6 gauge, galvanized wires, which develop a tensile strength of 60,000 to 85,000 pounds per square inch of steel. In order to prevent cracking, it is economically necessary to reinforce concrete—that is to add to it the tensile strength necessary to resist alternating changes in temperature, alternating freezing and thawing, also settlement or upheaval of the ground. National Reinforcing embedded in the concrete gives invisible strength and protection, also assures permanent crack-free construction. CC-1010 is furnished in rolls 4 feet wide by 150 feet long, and CC-66 is furnished in either rolls or sheets; rolls 5 feet by 150 feet long, and sheets 4 feet by 8 feet, in bundles of 10 sheets. Style BB-88 is also suitable for reinforcing driveways, platforms, miscellaneous concrete construction, also other uses as, trellises, arbors, partitions, etc. This material is furnished in both rolls and sheets. Rolls 4 feet by 150 feet, and bundles of 10 sheets, each sheet 4 feet x 8 feet.

PRICES ON APPLICATION

FOR REINFORCING FABRIC SEE PAGE 58

Cornerite

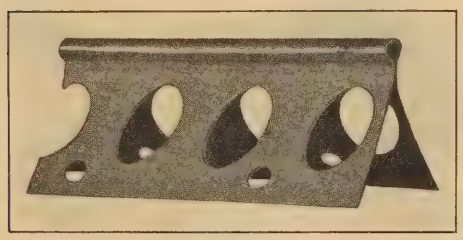


No. 31376

Prevents cracks, an eight-inch width of expanded metal lath, bent to form a right angle 8 ft. long with 4-in. wings. Used over wood lath, insulating and wall board, at all angles where wall meets wall and walls meet ceiling. Reinforces these inside corners. Prevents corner cracks in plaster. Weighs 170 lbs. per 1,000 lineal feet, 50 pieces (400 lineal feet) per bundle.

List price, per 1,000 ft. **$21.50**

Wing Corner Bead

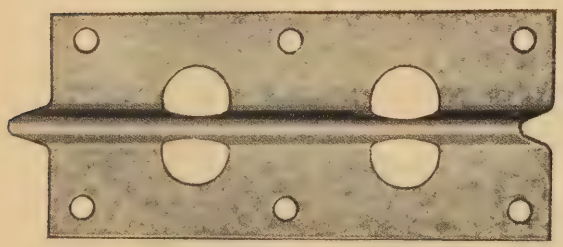


No. 30235

This bead is made from special sheets, galvanized by a special tight coat formula which prevents spalling or flaking. The blank from which it is made measures 3 1-10 inches across the face. The holes in this bead are cut oval instead of round, thus cutting down the weight without reducing the rigidity. Can be supplied in 6-7-8-8½-9-10-12-foot lengths, weighs 170 lbs. per 1,000 lineal feet. Packed 10 pieces per bundle, or crated 10 bundles per crate.

List price, per 1,000 ft. **$23.00**

Sharon Base Bead

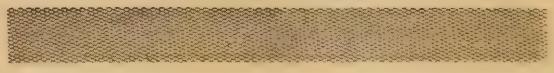


No. 30201

Especially designed to serve as a ground and divider between a cement or composition base, and the plaster of the walls. It thus serves a three-fold purpose: (1) It gives a neat, clearly defined line for the guidance of the workman, (2) It makes an ideal ground for both Plaster and Cement Men, and (3) It keeps the cement from staining the plaster wall. Supplied in 10 ft. lengths only, weighs 160 lbs. per 1,000 lineal feet, 12 pieces per bundle, or crated 12 bundles per crate.

List price, per 1,000 ft. **$23.00**

Stripite



No. 31377

Reinforces corners and joints.

Cut from expanded metal lath in strips any width up to 24 inches, 8 ft. long. For use around window and door openings, reinforcing odd shaped corners, patch work, beam wrapping, for reinforcing the joints between wall board or insulating board to prevent cracking of plaster.

3 in. to 5 in. x 96 in., List price per 1,000 ft. **$15.00**
6 in. x 96 in., List price per 1,000 ft. **18.50**

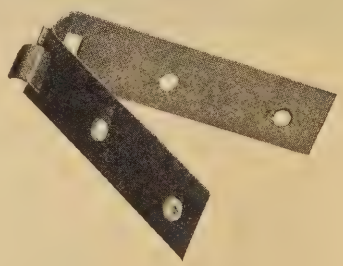
Parker Corner Bead

No. 30225

PARKER CORNER BEAD is the original RAIL BEAD, the construction being such that the plaster fastens itself on both sides of the bead and back of it, forming a solid corner with steel reinforcement. Especially recommended for use in fireproofing construction and on arched corners where the bead must be curved. Erected with clips—one clip being furnished with each foot of bead. Supplied in 6-7-7½-8-8½-9-10-11-12-foot lengths. Weighs 180 lbs. per 1,000 lineal feet with clips. 25 pieces per bundle.

24 Gauge, List price, per 1,000 ft. **$23.00**

Bead Clip



No. 30325

Galvanized clips for Parker Corner Bead.

List price, per 100 ..... **$1.00**

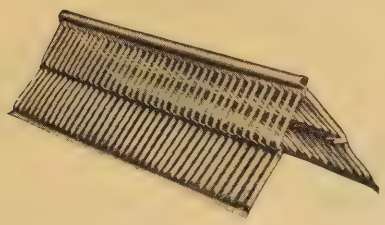
Bull Nose Bead

No. 30210

Made of tight coat galvanized steel. 28 gauge. Length 6-8-10-12 ft. 10 pieces to bundle. Weight 245 lbs. per 1,000 ft.

List prcie, per 1,000 ft. **$35.00**

Protex Corner Bead



No. 30215

PROTEX CORNER BEAD not only protects the corner, but reinforces it as well. The 3-inch wings with their specially twisted strands produce well formed keys of plaster, entirely surrounding the nose. The wide wings make it easy to fasten Protex Bead on any kind of a ground without the use of clips. Supplied in 6-7-8-9-10-12-foot lengths. Packed in crates of 80 pieces, weighs 225 lbs. per 1,000 lineal feet.

List price, per 1,000 ft. **$33.50**

Milcor Expansion Corner Beads

No. 30218

For Outer Angles of Plaster Wall

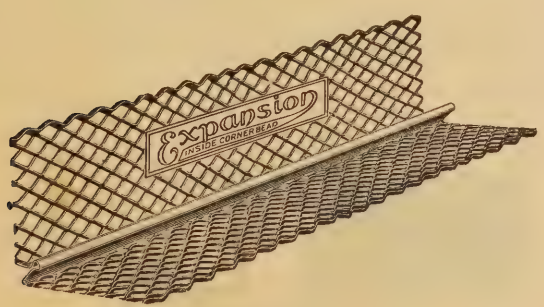
Eliminates the necessity of clips and effects a great saving of time in erecting. The exclusive feature is the use of expanded diamond mesh reinforcement in the wings or webs, instead of practically solid members as heretofore universally used.

Made of tight-coat open hearth galvanized steel. No. 26 gauge, 8, 9, 10, 11 and 12 ft. lengths. Packed in crates 1,000 and 500 ft. Weight, per 1,000 ft., crated, 230 lbs.

List price, per 1,000 lineal ft. **$39.75**

Zinc and Copper cans be furnished.

Prices on application



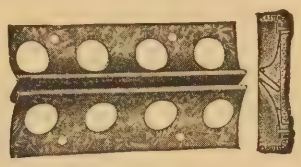
No. 30219

For Inner Angles of Plaster Wall

Made of tight-coat open hearth galvanized steel, No. 24 gauge, 8, 9, 10, 11 and 12 ft. lengths. Packed in crates 1,000 and 500 ft. Weight, per 1,000 ft. crated 230 lbs.

List price, per 1,000 lineal ft. **$39.75**

Milcor Concealed Metal Picture Molding

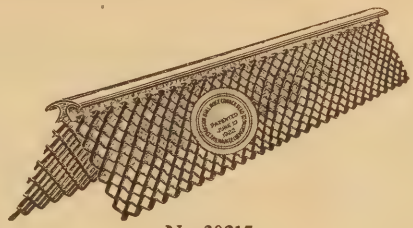


No. 31375
Plain

Made of tight coat galvanized steel. Length 10 and 12 ft. 10 pieces to bundle. Weight 140 lbs. per 1,000 ft.

List price, per 1,000 ft. **$30.75**

Milcor Expansion Bull Nose Corner Bead



No. 30217

Bull Nose Corner Beads have expanded metal wings similar to those of Milcor Expansion Corner Beads. Galvanized, with radius of ¾", Milcor Expansion Bull Nose Corner Bead is furnished in No. 26 gauge; 6, 7, 8, 9, 10 or 12 ft. lengths. Crated approximately 500 ft. to the crate.

List price, per 1,000 lineal ft. **$77.25**

Milcor Expansion Plastering Screed

No. 30221

This screed is made for 9/16 in. grounds only. It is designed for use wherever Portland cement and lime or gypsum plaster are to be joined to one another. Galvanized, made in 10 and 12 ft. lengths, and crated 1,000 and 1,080 ft. to the crate respectively. Weight crated per 1,000 ft., 230 lbs.

List price, per 1,000 lineal ft. **$39.75**

Milcor Expansion Flashing

No. 30220

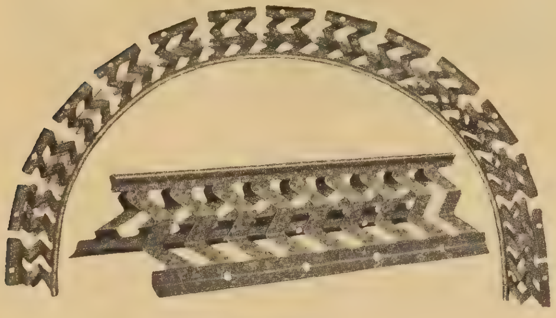
For exterior stucco—prevents cracks around window and door frames.

Made of tight-coat open-hearth galvanized steel, in 12-ft. lengths. 600 ft. to the crate. Weight, 350 lbs., per 1,000 ft.

List price, per 1,000 lineal ft. **$92.25**

Heinz Corner Bead

For Plaster Corners



No. 30213

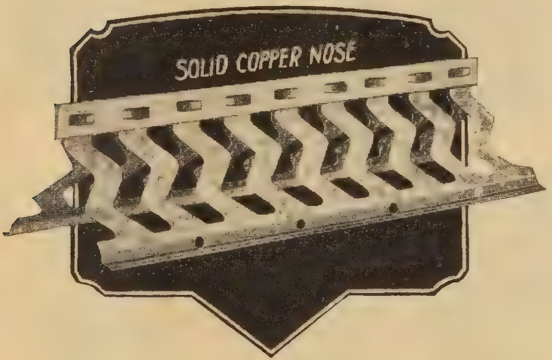
A boom to the Plastering Contractor in the many Arched Openings.

Combining the strength of a wide solid flange with the keying qualities of expanded types. The "Z-shaped" bars—of one piece with the rigid nose and solid nailing flange—provide, in effect, 12 inches of continuous metal adjoining every foot of nose. About equal parts of the wings are openings and blank metal surface. The result is a bead unequalled for strength, plaster key and durability. The 2½ inch wide flange eliminates the use of clips and this straight, rigid bead is erected with the minimum of time and effort. Perfect arches are also made with great ease and the only tool needed is an ordinary pair of tinner's shears.

	Weight 1000 ft.	List Price 1000 ft.
All galvanized	300 lbs.	**$73.50**

Furnished in 6, 7, 8, 9, 10 and 12 ft. lengths.

Heinz Copper Corner



No. 30214

A lock and gauge for Stucco Corners with a Copper nose that cannot Rust or Corrode.

The principal is like the curb nosing. It is impossible to apply stucco without packing it solidly back of the Copper Nose excluding all air pockets where a force might lodge and dislocate it.

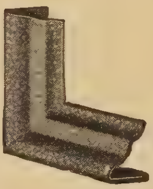
There is real economy in the use of the Heinz Copper Corner. It costs less to make a corner and you can complete a corner without waiting for one side to set up.

	Weight 1000 ft.	List Price 1000 ft.
Galvanized with copper bead..........	350 lbs.	**$100.00**

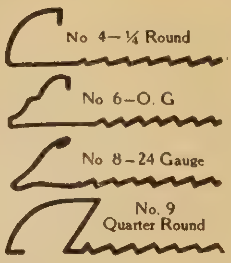
Furnished in 8 foot lengths.

Milcor Expansion Door and Window Casings

No. 4 ¼ Rd.



No. 6 O. G.



No. 31378

Made of tight coat open-hearth galvanized steel for ¾ in. grounds, 6 ft., 7 ft. 6 in., 8, 9, 10 and 12 ft. lengths.

No. 4 ¼ Round, No. 6 O. G.

List price, per 1,000 ft. **$92.25**

Packed approximately 500 ft. to crate. Weight 175 lbs. to a crate.

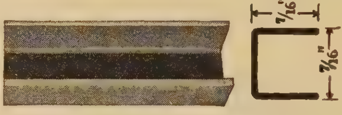
MITRES

No. 31379

One piece mitres for No. 4 ¼ Rd., No. 6 O. G. casing. The mitres are designed to slip inside of casing and is hidden from view. Holds casing in place in event of shrinkage of wood or settlement.

No. 4 ¼ Rd. List price, per 100 .... **$6.00**
No. 6 List price, per 100 .... 6.00

Pencil Channel



Rigid lath base, cannot turn or buckle.

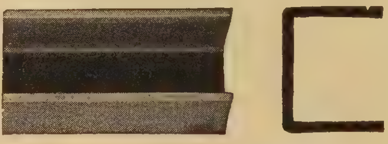
No. 30320

A Minature Box Channel.

Measures $\frac{7}{16}$-in. square, and has equal legs. Cannot turn over or buckle, and meets all conditions where pencil rods have been used. Gives more rigid base for lath and carries greater spans without deflection than pencil rods. Weight, 113 lbs. per 1,000 lineal feet; stock lengths 12 and 14 ft. Shipped 20 pieces per bundle.

List price, per 1,000 ft. **$15.00**

Box Channel



For suspended ceilings and solid partitions.

No. 30315

BOX CHANNEL represents the greatest progress in Channel construction since the advent of cold formed channel. It is definitely designed for suspended ceilings and for 2-inch solid partitions. Weight 276 lbs. per 1,000 lineal feet; stock lengths 16 and 20 ft., 20 pieces per bundle.

List price, per 1,000 ft. **$18.50**

Channels—Hot Rolled—Bar Sizes

No. 30310 Soft Steel

Size in Inches	Weight per Foot Lbs.	Net Extra for Size	Stock Lengths Feet
5/8 x 5/16 x 1/8	.41	1.70	20
3/4 x 3/8 x 3/32	.30	1.00	18-20
3/4 x 3/8 x 3/32	.37	1.00	18-20
3/4 x 3/8 x 7/64	.40	1.00	16-18-20
3/4 x 3/8 x 1/8	.56	.60	20
7/8 x 3/8 x 1/8	.65	.60	20
1 x 3/8 x 3/32	.41	.85	18-20
1 x 3/8 x 7/64	.50	.85	16-18-20
1 x 3/8 x 1/8	.68	.50	20
1 x 1/2 x 1/8	.83	.50	20
1 1/4 x 1/2 x 1/8	1.01	.50	20
1 1/2 x 1/2 x 3/32	.90	1.12	18-20
1 1/2 x 1/2 x 1/8	1.12	.40	20
2 x 5/8 x 1/4	2.18	.25	20
2 x1 x 1/8	1.78	.40	20
2 x1 x 3/16	2.40	.25	20
2 1/2 x 5/8 x 3/16	2.27	.25	20

Prices quoted on application.

Flats or Bands—Hot Rolled

No. 30610

Size in Inches	Weight per Foot Lbs.	Net Extra for Size	Stock Lengths Feet
3/8	0.171	1.30	16
1/8 x 1/2	0.228	.75	16
5/8	0.285	.45	16
3/4	0.342	.30	16
7/8	0.399	.20	16
1	0.456	.15	16-18-20
1 1/8	0.513	.15	16
1 1/4	0.570	.15	16
1 1/2	0.683	.10	16
1 3/4	0.797	.10	16
2	0.911	.10	16
2 1/4	1.025	.05	16
2 1/2	1.139	.05	16
2 3/4	1.253	.05	16
3	1.367	.05	16
3/16 x 3/8	0.239	1.20	16
1/2	0.319	.70	16
5/8	0.398	.40	16
3/4	0.478	.25	16
7/8	0.558	.15	16
1	0.638	.10	16-18-20
1 1/8	0.717	.10	16
1 1/4	0.797	.10	16
1 1/2	0.956	.05	16
1 3/4	1.12	.05	16
2	1.28	.05	16
2 1/4	1.43	Base	16
2 1/2	1.59	Base	16
2 3/4	1.75	Base	16
3	1.91	Base	16

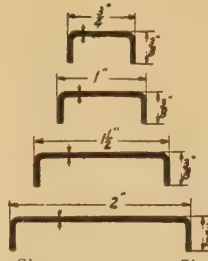
Prices quoted on application.

Pencil Rods

Ser. No.		Size	Weight per foot lbs.	Stock lengths feet	List price 1,000 lin. feet
50203	Rounds Plain	1/4 in.	0.167	18-20	**$21.00**
50204	Square Plain	1/4 in.	0.213	20	**30.00**

Channels (Cold Formed)

No. 30305



This Channel combines all the usual advantages of cold-formed channel; PLUS the distinct feature that the legs and web are perfectly straight, with square corners and no curvature—an unusually clean product, which insures rapid, economical erection. Stock lengths 16 and 20 ft. 1½-in. and 2-in. sizes, 10 pieces, other sizes 20 pieces to bundle.

Size Inches	Size of Flange Inches	Weight 1,000 Lineal Feet	List Price per 1,000 Feet
3/4	3/8	276 lbs.	**$18.50**
1	3/8	332 lbs.	**20.50**
1 1/2	3/8	442 lbs.	**24.00**
2	3/8	553 lbs.	**28.00**

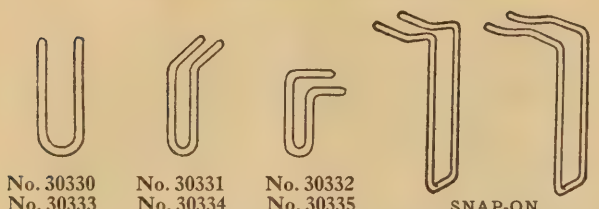
Angles—Hot Rolled—Bar Sizes

No. 30101 Soft Steel

Size in Inches	Weight per Foot Lbs.	Net Extra for Size	Stock Lengths Feet
1/2 x 1/2 x 1/8	.38	2.20	20
5/8 x 5/8 x 1/8	.48	1.50	20
3/4 x 3/4 x 1/8	.59	.60	20
3/16	.84	.45	20
7/8 x 7/8 x 1/8	.70	.40	20
1 x 5/8 x 1/8	.64	.60	20
1 x1 x 1/8	.80	.30	20
3/16	1.16	.25	20
1/4	1.49	.25	20
1 1/4 x1 1/4 x 1/8	1.01	.30	25
3/16	1.48	.25	25
1/4	1.92	.25	25
1 3/8 x 7/8 x 1/8	.91	.40	20
1 1/2 x1 1/2 x 1/8	1.23	.25	16-18-20
3/16	1.80	.15	16-18-20
1/4	2.34	.15	25
5/16	2.86	.15	25
3/8	3.35	.15	20
1 3/4 x1 3/4 x 1/8	1.44	.25	20
3/16	2.12	.15	25
1/4	2.77	.15	25
2 x1 1/4 x 3/16	1.96	.25	20
1/4	2.55	.25	20
2 x1 1/2 x 3/16	2.12	.15	20
1/4	2.77	.15	20
2 x2 x 1/8	1.65	.25	25
3/16	2.44	.15	25
1/4	3.19	.15	25
5/16	3.92	.15	25
3/8	4.70	.15	25
2 1/4 x1 1/2 x 1/4	2.98	.15	20
2 1/4 x2 1/4 x 1/8	1.86	.25	20
3/16	2.75	.15	20
1/4	3.62	.15	20
5/16	4.50	.15	20
2 1/2 x1 1/2 x 1/4	3.19	.15	20
2 1/2 x2 x 3/16	2.75	.15	25
1/4	3.62	.15	25
5/16	4.50	.15	25
3/8	5.30	.15	25
2 1/2 x2 1/2 x 1/8	2.08	.25	25
3/16	3.07	.15	25
1/4	4.10	.15	25
5/16	5.00	.15	25
3/8	5.90	.15	25
3 x2 x 3/16	3.07	.35	25
3 x3 x 1/8	2.50	.50	25
3/16	3.71	.35	25
3 x3 x 1/4	4.90	Base	30
4 x3 x 1/4	5.80	Base	40

Prices quoted on application.

Hairpin Clips



No. 30330 No. 30331 No. 30332
No. 30333 No. 30334 No. 30335 SNAP-ON

HAIRPIN CLIPS for fastening furring channels to the angles in suspended ceilings and wall. Made of Nos. 8 or 9 Black or Galvanized annealed wire in 2¼-inch and 2½-inch lengths.

Ser. No.		
	Black Annealed	
30330	Straight ..... List price, per 100,	$1.10
30331	Bent ..... List price, per 100,	1.10
30332	Apron Type ..... List price, per 100,	1.10
	Galvanized	
30333	Straight ..... List price, per 100,	$1.25
30334	Bent ..... List price, per 100,	1.25
30335	Apron Type ..... List price, per 100,	1.25

Snap On

No.			
	Black Annealed		
30336	No. 8 Wire	List Price Per 100	.....$1.10
30337	No. 6 Wire	List Price Per 100	..... 1.40
	Galvanized		
30338	No. 8 Wire	List Price Per 100	..... 1.50
30339	No. 6 Wire	List Price Per 100	..... 2.00

Stove Bolts

Round Head

No. 30250

Flat Head

List price, per 100 in box

Length	Diameter 5/32"	3/16"	1/4"	5/16"	3/8"	1/2"
3/8 in.	$ .85	$ .85				
1/2 in.	.85	.85	$1.20			
5/8 in.	.85	.85	1.20			
3/4 in.	.85	.85	1.20	$1.75	$2.65	
7/8 in.	.90	.90	1.25	1.80	2.75	
1 in.	.90	.90	1.30	1.85	2.85	$9.50
1 1/8 in.	.95	.95	1.35	1.90	2.95	9.50
1 1/4 in.	1.00	1.00	1.40	1.95	3.05	9.50
1 3/8 in.	1.05	1.05	1.45	2.00	3.15	9.50
1 1/2 in.	1.10	1.10	1.50	2.05	3.25	9.50
1 3/4 in.	1.20	1.20	1.60	2.25	3.45	9.80
2 in.	1.30	1.30	1.70	2.45	3.85	10.10
2 1/4 in.		1.45	1.85	2.60	4.05	10.35
2 1/2 in.		1.60	2.00	2.75	4.25	10.65
2 3/4 in.		1.70	2.10	2.90	4.45	10.90
3 in.		1.80	2.20	3.05	4.65	11.20
3 1/2 in.		2.00	2.40	3.40	5.15	
4 in.		2.20	2.70	3.70	5.65	
4 1/2 in.		2.40	3.00	4.00	6.15	
5 in.		2.60	3.30	4.40	6.65	
5 1/2 in.		2.80	3.60	4.80	7.15	
6 in.		3.05	3.90	5.20	7.65	

Add 10% for Hexagon Nuts. Deduct 10% for Bolts without nuts. Stove Bolts up to and including 2-in. are threaded to head, all other lengths are threaded two inches long. Packed 100 to box.

Collapsible Steel Horses

No. 40850

The improved latch positively prevents its collapse in use. Made of blue annealed steel, solidly welded into an indestructible unit. In use, it has the rigidity of solid steel; folded up, it fits into a space having a cross-section of 3 ft. x 6 ft., simplifying loading, moving and storing. Height, 30 in.; Length, 6 ft.; Weight, 80 lbs.; List price per pair. . . **$15.00**

Leg Extensions Only

No. 40851

By the use of extension legs, made in 30 in. units, the height may be adjusted at will. To attach, simply use two 20 penny nails on each. No other attachment or tools needed. Height, 30 in.; Weight, 23 lbs.; List price per set. **$6.00**

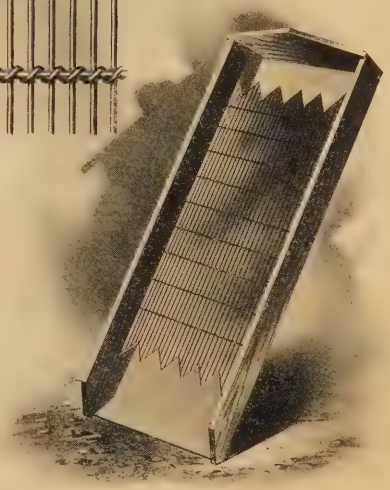
Sand Screens

Spiral

Spruce Frame, Extra Heavy Wire

Screens are made of a steel wire spiral uniformly coiled, passed over parellel wires and the rib is then passed through the spiral on the back of screen. This construction enables the use of heavier wire than is ordinarily used. A uniform mesh is obtained, the heavy wire spiral will not be quickly worn out by contact with the sand.

The spirals are inserted right and left which renders the screening surface rigid. Space between wires 5/16 inch.

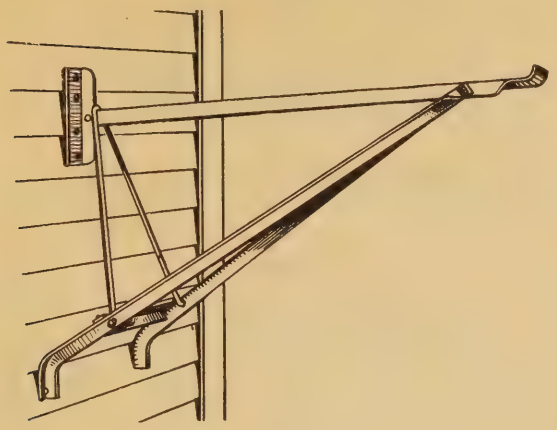


No. 41911

Size	Weight, each	List Price, each
22x60 in.	23 lbs.	**$5.25**
22x66 in.	40 lbs.	**6.75**

Scaffold Brackets

Steel



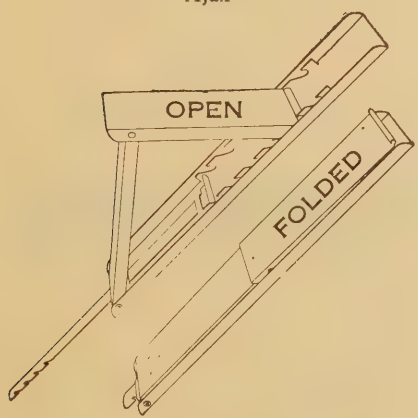
No. 40280

Top and Cross Piece, that is nailed to building 1½ x ⅛ in. angle iron. Upright angles and crossbar spreaders 1 x 1⅛ in. Tierod ⅜ in. round.

No.	Top Length	Height of Upright	Weight Each	List price Each
1	48 in.	24 in.	8 lbs.	**$5.00**

Roofing Brackets

Ajax



No. 40281

The most popular bracket equipment ever offered for roof work.

The "Ajax" is the most practical roof staging. Made of 16 and 18-gauge galvanized steel, and all die-cut, stamped parts are scientifically riveted together. Boards or planks up to 12 in. wide can be used. Instantly adjustable to any pitch roof.

Guaranteed to carry any weight that can be piled on it.

No. 1 furnished without plank stops.
No. 2 furnished with plank stops.

No.	Planking Space	Nail Strip Adjustments	Adjustments to Pitch	List Price, per Dozen
1	12 in.	3	6	**$26.00**
2	12 in.	3	6	**28.00**
Junior	8 in.	2	5	**19.50**

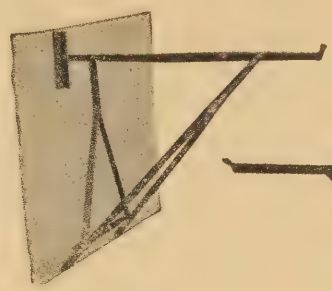
	List Price per Dozen
Extra Plank Stops for Nos. 1 and 2	**$2.40**
Extra Nail Strips for Nos. 1 and 2	**3.40**
Extra Nail Strips for Junior	**2.45**

Scaffold Brackets

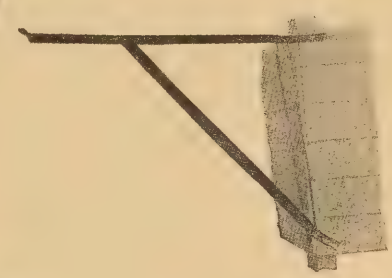
No. 40280

Safe—Strong—Durable

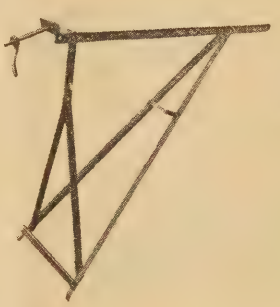
Made of rolled steel sections. Each joint is securely riveted to insure safety. They do not swing loosely about when opened. The widespread of the diagonal legs in the double-leg type, and the heavy wing plate in the single-leg type prevent side sway. Three interchangeable connections are available for use with the double-leg bracket: sheeting, studding or stucco. The single-leg bracket is primarily a sheeting bracket.



Nos. 13 and 15



Nos. 16 and 17

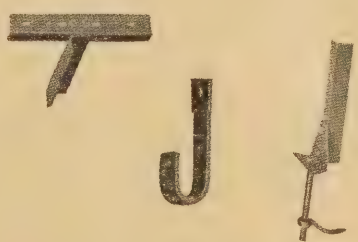


No. 18

No. 20

No.	Connection	Length	Weight, each	List Price each
13	With No. 7	3 ft. 6 in.	13 lbs.	**$2.70**
15	With No. 7	4 ft.	15 lbs.	**3.35**
16	With No. 5	3 ft. 6 in.	15 lbs.	**3.67**
17	With No. 5	4 ft.	17 lbs.	**3.67**
18	With No. 8	4 ft.	17 lbs.	**4.00**
20		4 ft. 6 in.	20 lbs.	**4.17**

Extra Connections



No.		
5	Studding.	List Price, per dozen **$4.00**
8	Sheeting.	List Price, per dozen **4.00**
7	Stucco.	List Price, per dozen **4.00**

Side or Tee Anchors

No. 40135

Size		12 in.	14 in.	16 in.	18 in.
1 x¼ in.	List Price per 100....	$19.00	$20.00	$21.00	$23.00
1¼x¼ in.	List Price per 100....	21.00	22.00	24.00	25.00
1½x¼ in.	List Price per 100....	25.00	27.00	28.00	30.00
1¼x⅜ in.	List Price per 100....	27.00	30.00	32.00	34.00
1½x⅜ in.	List Price per 100....	29.00	31.00	35.00	37.00

Size		20 in.	24 in.	30 in.	36 in.
1¼x¼ in.	List Price per 100....	$26.00	$29.00	$33.00	$37.00
1½x¼ in.	List Price per 100....	32.00	35.00	40.00	45.00
1¼x⅜ in.	List Price per 100....	36.00	40.00	47.00	54.00
1½x⅜ in.	List Price per 100....	39.00	44.00	51.00	58.00

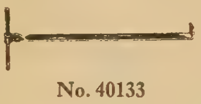
Strap Anchors

No. 40132

Size		12 in.	14 in.	16 in.	18 in.
1 x¼ in.	List Price per 100....	$ 9.00	$10.00	$12.00	$14.00
1¼x¼ in.	List Price per 100....	11.00	12.00	14.00	16.00
1½x¼ in.	List Price per 100....	13.00	15.00	17.00	19.00
1¼x⅜ in.	List Price per 100....	16.00	19.00	22.00	24.00
1½x⅜ in.	List Price per 100....	17.00	20.00	23.00	25.00

Size		20 in.	24 in.	30 in.	36 in.
1 x¼ in.	List Price per 100....	$16.00	$20.00		
1¼x¼ in.	List Price per 100....	18.00	22.00	$26.00	$30.00
1½x¼ in.	List Price per 100....	21.00	25.00	30.00	35.00
1¼x⅜ in.	List Price per 100....	26.00	29.00	32.00	42.00
1½x⅜ in.	List Price per 100....	27.00	33.00	40.00	47.00

Wall or Hook Anchors



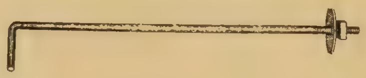
No. 40133

Size		12 in.	14 in.	16 in.	18 in.
1 x¼ in.	List Price per 100....	$21.00	$22.00	$23.00	$24.50
1¼x¼ in.	List Price per 100....	23.00	24.00	26.00	27.00
1½x¼ in.	List Price per 100....	28.00	30.00	31.00	33.00
1¼x⅜ in.	List Price per 100....	30.00	33.00	35.00	37.00
1½x⅜ in.	List Price per 100....	32.00	35.00	38.00	40.00

Size		20 in.	24 in.	30 in.	36 in.
1 x¼ in.	List Price per 100....	$26.00	$29.00		
1¼x¼ in.	List Price per 100....	28.00	31.00	$35.00	$39.00
1½x¼ in.	List Price per 100....	35.00	38.00	43.00	48.00
1¼x⅜ in.	List Price per 100....	39.00	43.00	50.00	57.00
1½x⅜ in.	List Price per 100....	42.00	47.00	54.00	61.00

Size		42 in.	48 in.	54 in.	60 in.
1¼x¼ in.	List Price per 100....	$44.00	$50.00	$57.00	$66.00
1½x¼ in.	List Price per 100....	54.00	61.00	69.00	79.00
1¼x⅜ in.	List Price per 100....	65.00	74.00	84.00	94.00
1½x⅜ in.	List Price per 100....	69.00	78.00	88.00	100.00

Wall Plate Anchors



Style "A"

Style "B"

No. 40134

Mention Style Desired When Ordering

Size		12 in.	16 in.	20 in.
1/2 in.	List Price per 100................	$32.00	$38.00	$44.00
5/8 in.	List Price per 100................	42.00	48.00	54.00
3/4 in.	List Price per 100................	60.00	68.00	76.00

Size		24 in.	30 in.	36 in.
1/2 in.	List Price per 100................	$50.00	$56.00	$62.00
5/8 in.	List Price per 100................	58.00	66.00	74.00
3/4 in.	List Price per 100................	84.00	92.00	100.00

Ashler Anchors

Plain and Galvanized

Plain

No. 40130

Size		6 in.	8 in.	10 in.
1 x⅛ in.	List Price per 100..............	$ 5.32	$ 5.88	$ 6.58
¾x3/16 in.	List price per 100..............	5.60	6.30	7.02
¾x¼ in.	List Price per 100..............	6.58	7.70	8.60
1 x3/16 in.	List Price per 100..............	6.58	7.70	8.60
1¼x3/16 in.	List Price per 100..............	7.70	8.96	10.10
1 x¼ in.	List Price per 100..............	7.98	9.24	10.64
1¼x¼ in.	List Price per 100.........	9.38	12.64	13.86

Size		12 in.	14 in.	16 in.
1 x⅛ in.	List Price per 100..............	$ 7.14	$ 7.86	$ 8.54
¾x3/16 in.	List Price per 100..............	7.76	8.26	9.24
¾x¼ in.	List Price per 100..............	9.52	10.50	11.62
1 x3/16 in.	List Price per 100..............	9.52	10.50	11.62
1¼x3/16 in.	List Price per 100..............	11.34	12.60	13.86
1 x¼ in.	List Price per 100..............	11.82	13.30	14.56
1¼x¼ in.	List Price per 100..............	14.28	15.96	17.56

Galvanized

No. 40131

Size		6 in.	8 in.	10 in.
1 x⅛ in.	List Price per 100..............	$ 6.30	$ 9.20	$10.80
¾x3/16 in.	Lise Price per 100..............	8.82	10.26	11.76
¾x¼ in.	Lise Price per 100..............	10.80	12.88	14.86
1 x3/16 in.	List Price per 100..............	10.80	12.88	14.86
1¼x3/16 in.	List Price per 100..............	12.88	15.42	18.06
1 x¼ in.	List Price per 100..............	13.58	16.24	18.96
1¼x¼ in.	List Price per 100..............	16.38	19.74	23.02

Size		12 in.	14 in.	16 in.
1 x⅛ in.	List Price per 100..............	$11.92	$13.42	$14.70
¾x3/16 in.	List Price per 100..............	13.22	14.78	16.24
¾x¼ in.	List Price per 100..............	16.72	18.62	20.86
1 x3/16 in.	List Price per 100..............	16.72	18.62	20.86
1¼x3/16 in.	List Price per 100..............	20.58	22.82	25.48
1 x¼ in.	List Price per 100..............	21.34	24.10	26.74
1¼x¼ in.	List Price per 100..............	26.18	29.54	32.82

Sebco Malleable Iron Lag Screw Expansion Shields

No. 41663

Made of malleable iron of high tensile strength. Circular projecting ribs grip into sides of hole, checking any tendency to slip.

Sizes and List Prices

Diam. of Lag Screw with Which Shield is Used	Length of Shield	Outside Diameter and Drill Required	Quantity in Standard Package	Quantity in Standard Shipping Carton	Shipping Weight per 100	List price per 100 (Without Lag Screws)
5/16 in.	1 in.	3/8 in.	100	500	2 1/2 lbs.	**$15.00**
*1/4 in.	1 in.	1/2 in.	100	500	4 lbs.	**15.00**
1/4 in.	1 1/2 in.	1/2 in.	100	500	5 1/2 lbs.	**15.00**
*5/16 in.	1 1/2 in.	1/2 in.	100	500	5 1/2 lbs.	**18.00**
5/16 in.	2 in.	1/2 in.	100	500	7 1/2 lbs.	**18.00**
*3/8 in.	2 in.	5/8 in.	100	500	9 1/2 lbs.	**25.00**
3/8 in.	2 3/4 in.	5/8 in.	100	500	12 lbs.	**25.00**
*1/2 in.	2 in.	3/4 in.	50	250	12 lbs.	**38.00**
1/2 in.	3 1/2 in.	3/4 in.	50	250	20 lbs.	**38.00**
*5/8 in.	2 in.	7/8 in.	25	250	16 lbs.	**45.00**
5/8 in.	3 1/2 in.	7/8 in.	25	125	25 1/2 lbs.	**45.00**
*3/4 in.	2 in.	1 in.	25	125	20 lbs.	**65.00**
3/4 in.	3 1/2 in.	1 in.	25	125	33 lbs.	**65.00**

*Short standard. When no length is specified, long standard will be furnished.

LOXIN
EXPANSION SHIELDS

No. 41664

Hot Galvanized.

Single Machine Bolt Type

Hold in loose holes as well as tight holes. Carry greater load, easier to install, than most expansions for bolts.

SIZES AND LIST PRICES
(Note Drill Requirements)

Diam. of Bolt with Which Shield is Used	Length of Shield	Outside Diameter and Drill Required	Quantity in Standard Package	Quantity in Standard Shipping Carton	Shipping Weight per 100	List price per 100 (Without Bolts)
1/4 in.	1 1/4 in.	1/2 in.	100	1000	3 1/2 lbs.	**$15.00**
*5/16 in.	1 1/2 in.	5/8 in.	100	500	6 1/4 lbs.	**18.00**
5/16 in.	2 in.	5/8 in.	100	500	8 lbs.	**18.00**
*3/8 in.	1 1/2 in.	5/8 in.	100	500	6 lbs.	**25.00**
3/8 in.	2 in.	5/8 in.	100	500	8 lbs.	**25.00**
7/16 in.	2 1/2 in.	7/8 in.	50	250	18 lbs.	**32.00**
*1/2 in.	2 in.	7/8 in.	50	250	14 lbs.	**38.00**
1/2 in.	2 1/2 in.	7/8 in.	50	250	18 lbs.	**38.00**
*5/8 in.	2 1/2 in.	1 in.	50	250	24 lbs.	**45.00**
5/8 in.	3 in.	1 in.	50	250	26 lbs.	**45.00**
3/4 in.	3 1/2 in.	1 1/8 in.	25	125	37 lbs.	**65.00**

Star Double Malleable Iron Expansion Shields

No. 41665

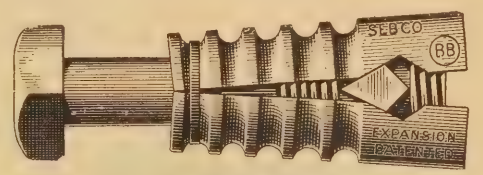
Sizes and List Prices

Diam. of Bolt with Which Shield is Used	Length of Shield	Outside Diameter and Drill Required	Quantity in Standard Package	Quantity in Standard Shipping Carton	Shipping Weight per 100	List price per 100 (Without Bolts)
1/4 in.	1 1/2 in.	9/16 in.	100	500	6 lbs.	**$15.00**
5/16 in.	1 7/8 in.	5/8 in.	100	500	8 lbs.	**18.00**
3/8 in.	2 3/8 in.	3/4 in.	100	500	12 lbs.	**25.00**
7/16 in.	2 1/2 in.	7/8 in.	50	250	20 lbs.	**32.00**
1/2 in.	2 1/2 in.	1 in.	50	250	22 lbs.	**38.00**
5/8 in.	3 in.	1 1/8 in.	25	125	32 lbs.	**45.00**
3/4 in.	4 in.	1 1/4 in.	20	100	64 lbs.	**65.00**
7/8 in.	4 1/2 in.	1 1/2 in.	10	50	107 lbs.	**95.00**
1 in.	4 7/8 in.	1 5/8 in.	5	25	140 lbs.	**110.00**

Instructions for Ordering

Diameter of expansion bolt is understood to be size of bolt itself—not the outside of the expansion parts. Figure length of bolt by adding thickness of material to length of shield.

Sebco Bottom Bearing Shields



No. 41666

For hanging pipes, etc., from ceilings. Expansion results from bolt bearing on bottom of shield by passing through a malleable iron nut completely enclosed in shield. As bolt turns, nut travels up shield, giving more and more expansion. Well adapted for use with threaded rods, pipe hangers, etc.

SIZES AND LIST PRICES
(Note Drill Requirements)

Diam. of Bolt with Which Shield is Used	Length of Shield	Outside Diameter and Drill Required	Quantity in Standard Package	Quantity in Standard Shipping Carton	Shipping Weight per 100	List price per 100 (Without Bolts)
1/4 in.	1 1/4 in.	1/2 in.	100	1000	3 1/2 lbs.	**$15.00**
*5/16 in.	1 1/2 in.	5/8 in.	100	500	6 1/4 lbs.	**18.00**
5/16 in.	2 in.	5/8 in.	100	500	8 lbs.	**18.00**
*3/8 in.	1 1/2 in.	5/8 in.	100	500	6 lbs.	**25.00**
3/8 in.	2 in.	5/8 in.	100	500	8 lbs.	**25.00**
7/16 in.	2 1/2 in.	7/8 in.	50	250	18 lbs.	**32.00**
*1/2 in.	2 in.	7/8 in.	50	250	14 lbs.	**38.00**
1/2 in.	2 1/2 in.	7/8 in.	50	250	18 lbs.	**38.00**
*5/8 in.	2 1/2 in.	1 in.	50	250	24 lbs.	**45.00**
5/8 in.	3 in.	1 in.	50	250	26 lbs.	**45.00**
3/4 in.	3 1/2 in.	1 1/8 in.	25	125	37 lbs.	**65.00**

SEBCO FOUR-POINT STAR DRILLS

None but high-grade crucible steel is used in making SEBCO Drills. Hand-forged and hand-tempered, they outlast any other brick, stone and concrete drills of which we have any knowledge. Fully guaranteed.

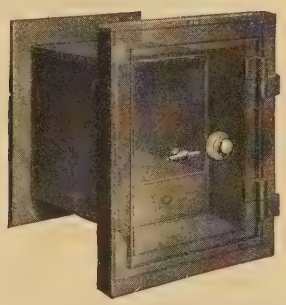
No. 40450

SIZES AND LIST PRICES

List Prices Per Dozen

Cutting Diam. of Drill	8 in. Length	Shipping Weight per doz. 8 in. Length	12 in. Length	Shipping Weight per doz. 12 in. Length	18 in. Length	Shipping Weight per doz. 18 in. Length	24 in. Length	Shipping Weight per doz. 24 in. Length
¼ in.	**$8.25**	1¾ lb.	**$8.50**	2½ lbs.	**$11.00**	3¾ lbs.	**$13.50**	5 lbs.
5/16 in.	**8.25**	1¾ lb.	**8.50**	2½ lbs.	**11.00**	3¾ lbs.	**13.50**	5 lbs.
⅜ in.	**8.25**	2½ in.	**8.50**	3½ lbs.	**11.00**	5¼ lbs.	**13.50**	7 lbs.
7/16 in.			**9.00**	3½ lbs.	**11.50**	5¼ lbs.	**14.00**	7 lbs.
½ in.	**9.65**	2½ lb.	**10.00**	5 lbs.	**12.50**	7½ lbs.	**15.00**	10 lbs.
9/16 in.			**12.00**	6 lbs.	**15.00**	9 lbs.	**17.50**	12 lbs.
⅝ in.			**12.00**	7 lbs.	**15.00**	10½ lbs.	**17.50**	14 lbs.
¾ in.			**14.00**	11 lbs.	**17.50**	16½ lbs.	**20.00**	22 lbs.
⅞ in.			**16.00**	14 lbs.	**20.00**	21 lbs.	**22.50**	28 lbs.
1 in.			**18.00**	19½ lbs.	**22.50**	29¼ lbs.	**25.00**	39 lbs.
1⅛ in.			**24.00**	26 lbs.	**28.00**	39 lbs.	**32.00**	52 lbs.
1¼ in.			**30.00**	28 lbs.	**35.00**	42 lbs.	**40.00**	54 lbs.
1⅜ in.			**40.00**	31 lbs.	**45.00**	46½ lbs.	**50.00**	62 lbs.
1½ in.			**50.00**	37 lbs.	**56.00**	55½ lbs.	**62.00**	74 lbs.
1⅝ in.			**60.00**	39 lbs.	**66.00**	58½ lbs.	**72.00**	78 lbs.
1¾ in.			**75.00**	39 lbs.	**81.00**	58½ lbs.	**87.00**	78 lbs.
1⅞ in.			**90.00**	39 lbs.	**97.00**	58½ lbs.	**104.00**	78 lbs.
2 in.			**105.00**	48 lbs.	**112.00**	72 lbs.	**120.00**	96 lbs.
2¼ in.			**135.00**	48 lbs.	**145.00**	72 lbs.	**165.00**	96 lbs.
2½ in.			**165.00**	60 lbs.	**175.00**	90 lbs.	**195.00**	120 lbs.

Wall Safe



No. 41915

Heavy cast iron frame, having heavy steel plates on both outside and inside of door.

Three tumbler heavy combination lock thrown out by T handle.

The interior of cabinet contains one steel drawer 3 inches high running full width and depth of the safe.

Olive green is standard color, although any color can be furnished as special job. Size interior over all, 12⅝ inches high, 6¾ inches deep, 9 inches wide, weight each, 100 lbs.

List Price, each **$80.00**

Concrete Filled Columns

No. 40360

A cast iron column filled with concrete and with suitable cap and base for distributing load and improving appearance.

Standard product for basement use among builders of better homes. Used extensively in garages, stores, and other buildings where fireproofing and durable construction is desired.

Stock sizes.

Diameter 3½ in. and 4 in.

Lengths—6 ft, 6 ft. 6 in., 7 ft., 7 ft. 6 in.

Other lengths and diameters can be furnished on special order. Caps and bases furnished with all columns.

List Price, each—3½ in., 6 ft. to 7 ft. 6 in. **$3.00**

List Price, each—4 in., 6 ft. to 7 ft. 6 in. **4.00**

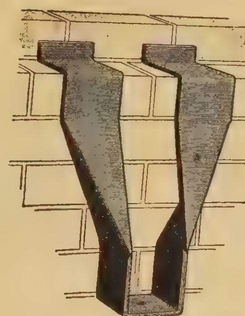
EXTRAS

CAPS AND BASES

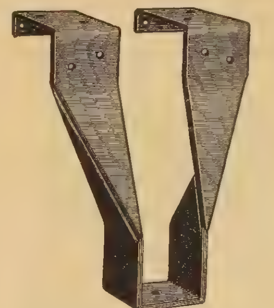
No. 40361 Weight, per Pair, 4 lbs. List Price, Pair, **$1.00**

PYRONEEL JOIST HANGERS No. 40815

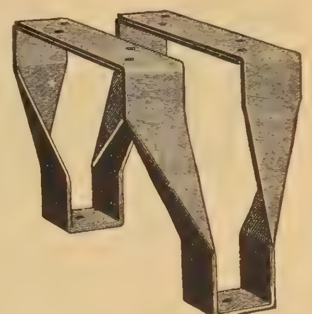
Style "A"



Style "B"



Style "D"



Style "Double"

Made from soft steel bars of a quality specially adapted to this use, material being uniform in cross section the hanger is of equal tensile strength throughout. Broad bearing surfaces are provided proportionate to the size of timbers, the stock being folded in the manufacture,—*not twisted or stretched*—the width of the material is suited to the other dimensions of the hanger.

Note particularly the surfaces of square supporting arms, and sufficient nailing surface.

"B" Hangers are adapted for setting in brick wall. Arms are usually extended in wall the width of one brick for light Hangers, or the width of two for large ones. The arms being square the strains are direct. Ends one inch high. Hangers shorter than depth of joists are sometimes used, as 2x8 Hangers for 2x12 joist. Consult table for comparative strengths of different sizes. In ordering be sure to state length of arms.

"D" Hangers are made to hook over wooden beams, steel I-Beams and concrete blocks. For wood they have spike holes in the hooks as well as in the arms. Spiking the hooks adds greatly to the stability.

When used on I-Beams the hooks are clinched under the flange after the Hangers are in place. Hooks are one inch long for Hangers made of one-eighth thick stock and one and one-quarter long if heavier.

When ordering, give width of beam and state if holes are wanted.

In "Double" Hangers, the supporting arms, which extend squarely across the beams, are riveted directly together if width of beams is eight inches or less.

In either case there is double thickness of stock over the edges of the supporting beam, avoiding tendency to crush wooden beams under heavy load at this point.

Style "A" Hangers are carried in stock. All others made to each particular requirement and shipped within a few days from receipt of order. Prompt service is our aim.

Style "A" carried in Stock.

*Styles "A", "B", "D" and "Double" in larger sizes not listed, are gladly made to order but are not subject to cancellation.

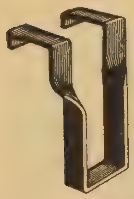
Size of Joist or Timber	Length of Arms in Style "A"	Size of Stock	Size of Opening in Hanger	Load at 12,000 Lbs. per Sq. In. Tensile Strain	List Price Each Style "A"	Style "B" & "D"	Style Dbl.
2x 6	2	1½x⅛	2x 5¾	4,400	.26	.40	.73
2x 8	2	2 x⅛	2x 7¾	6,000	.30	.45	.84
2x 9	2	2½x⅛	2x 8¾	7,500	.40	.56	1.12
2x10	2	2½x⅛	2x 9⅝	7,500	.42	.59	1.18
2x10	2¾	2½x3/16	2x 9⅝	11,250	.58	.78	1.62
2x12	2¾	3 x⅛	2x11½	9,000	.53	.74	1.48
2x12	2¾	3 x3/16	2x11½	13,500	.83	1.10	2.32
2x14	3¾	3½x⅛	2x13½	10,500	.71	.96	1.99
2x14	3¾	3½x3/16	2x13½	15,750	1.00	1.32	2.80
2x16	3¾	4 x⅛	2x15½	12,000	.90	1.17	2.52
2x16	3¾	4 x3/16	2x15½	18,000	1.20	1.55	3.36

All 2½ inch Hangers Same Price as 3 inch Hangers

Size of Joist or Timber	Length of Arms in Style "A"	Size of Stock	Size of Opening in Hanger	Load at 12,000 Lbs. per Sq. In. Tensile Strain	List Price Each Style "A"	Style "B" & "D"	Style Dbl.
3x 6	2¾	1½x⅛	3x 5¾	4,400	.27	.41	.75
3x 6	2¾	1½x3/16	3x 5¾	6,600	.30	.47	.84
3x 8	2¾	2 x⅛	3x 7¾	6,000	.34	.51	.95
3x 8	2¾	2 x3/16	3x 7¾	9,000	.50	.72	1.40
3x 9	2¾	2½x⅛	3x 8¾	7,500	.44	.63	1.23
3x 9	2¾	2½x3/16	3x 8¾	11,250	.61	.83	1.70
3x10	3¾	2½x⅛	3x 9⅝	7,500	.46	.65	1.29
3x10	2¾	2½x3/16	3x 9⅝	11,250	.64	.86	1.79
3x12	2⅞	3 x⅛	3x11½	9,000	.60	.84	1.68
3x12	2⅞	3 x3/16	3x11½	13,500	.89	1.20	2.49
3x14	3¾	3½x⅛	3x13½	10,500	.77	1.02	2.16
3x14	3¾	3½x3/16	3x13½	15,750	1.11	1.47	3.11
3x16	3¾	4 x⅛	3x15½	12,000	.98	1.28	2.72
3x16	3¾	4 x3/16	3x15½	18,000	1.31	1.69	3.67
4x 6	2	1½x⅛	4x 5¾	4,400	.28	.42	.78
4x 6	2	1½x3/16	4x 5¾	6,600	.35	.50	.98
4x 8	2	2 x⅛	4x 7¾	6,000	.36	.55	1.00
4x 8	2	2 x3/16	4x 7¾	9,000	.54	.79	1.51
4x 9	2⅞	2½x⅛	4x 8¾	7,500	.46	.67	1.29
4x 9	2⅞	2½x3/16	4x 8¾	11,250	.65	.91	1.82
4x10	2⅞	2½x⅛	4x 9⅝	7,500	.49	.70	1.37
4x10	2⅞	2½x3/16	4x 9⅝	11,250	.69	.95	1.93
4x12	2⅞	3 x⅛	4x11½	9,000	.67	.96	1.88
4x12	2⅞	3 x3/16	4x11½	13,500	.96	1.30	2.68
4x14	3¾	3½x3/16	4x13½	15,750	1.20	1.60	3.36
4x14	3¾	3½x¼	4x13½	21,000	1.55	2.00	4.34
4x16	3¾	4 x3/16	4x15½	18,000	1.43	1.84	4.00
4x16	3¾	3½x¼	4x15½	21,000	1.72	2.20	4.82
5x 8	2⅞	2 x3/16	5x 7¾	9,000	.61	.76	1.38
5x 8	2⅞	2½x¼	5x 7¾	15,000	.82	1.03	2.06
5x10	2⅞	2½x3/16	5x 9⅝	11,250	.78	1.07	2.11
5x10	2⅞	2½x¼	5x 9⅝	15,000	1.05	1.30	2.80
5x12	3¾	3 x3/16	5x11½	13,500	1.08	1.44	2.75
5x12	3¾	3 x¼	5x11½	18,000	1.36	1.59	3.55
5x14	3¾	3½x3/16	5x13½	15,750	1.30	1.68	3.18
5x14	3¾	3½x¼	5x13½	21,000	1.77	2.15	3.39
5x16	3¾	3½x¼	5x15½	21,000	1.96	2.43	4.95
6x 8	3¾	2 x3/16	6x 7¾	9,000	.64	.78	1.59
6x 8	3¾	2½x¼	6x 7¾	15,000	.88	1.10	2.19
6x10	3¾	2½x¼	6x 9⅝	15,000	1.12	1.42	2.86
6x10	3¾	3 x¼	6x 9⅝	18,000	1.37	1.76	3.32
6x12	3¾	3 x3/16	6x11½	13,500	1.22	1.59	2.90
6x12	3¾	3 x¼	6x11½	18,000	1.50	1.94	3.74
6x14	3¾	3½x¼	6x13½	21,000	1.96	2.49	4.80
6x16	3¾	3½x¼	6x15½	21,000	2.15	2.71	5.23
8x 8	3¾	2½x¼	8x 7¾	15,000	1.12	1.40	2.52
8x10	4¾	2½x¼	8x 9⅝	15,000	1.38	1.74	3.46
8x12	4¾	3 x¼	8x11½	18,000	1.70	2.21	3.90
8x12	4¾	3½x¼	8x11½	21,000	2.00	2.50	4.55
8x14	4¾	3½x¼	8x13½	21,000	2.17	2.71	5.42

NET PRICES QUOTED ON APPLICATION

Bridle Irons



No. 40290

For non Fire-proof floor construction, to hang floor beams to wood or steel girders. Made in various sizes and weights—also made up double.

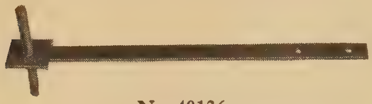
List Prices are Stock Sizes.

Size	1 3/4x5/16	2x5/16	Size	1 3/4x5/16	2x5/16
3x 8x3	**$.54**	....	4x10x4	**.62**	....
3x 9x3	**.55**	....	4x12x4	....	**$.76**
3x10x3	**.57**	....	6x 8x3	**$.60**	....
3x12x3	....	**$.68**	6x 9x3	**.64**	....
4x 8x2	**.54**	....	6x10x3	**.66**	....
4x 8x3	**.56**	....	6x10x3	....	**.84**
4x 8x4	**.56**	....	6x 6x6	**.60**	....
4x10x2	**.58**	....	6x 8x6	**.66**	....
			6x 9x6	....	**.74**
			6x10x6	....	**.80**

The above are stock sizes. We can furnish any size not listed at satisfactory price.

Net Prices Quoted on Application.

Joist Pin Anchors



No. 40136

Nailed to sides of wood joints and embedded in masonry.

Joist Pins give a secure, fast anchorage, in masonry, to wood joists that are supported by brick walls. This prevents the walls from collapsing during construction, as well as after completion. Used in residences and apartment houses, and particularly in factory buildings where walls and floors are subject to vibration. Cost less than hand made anchors.

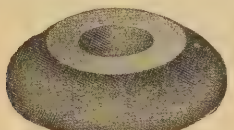
Made from steel strips ¾ x ⅛ x 14½ in. One end is punched with two ¼ in. holes for fastening to the joists with spikes or lag screws. Steel pin $\frac{7}{16}$ in. in diameter and 5 in. long is inserted and pinched in the other end, which is widened to 1½ in. Pin is anchor in masonry, embedded between masonry courses.

Manufactured in one size only. Shipping weight approximately 70 lbs. per 100.

List price, per 100, **$15.00**

Cast Iron Washers

U. S. Standard



No. 42229

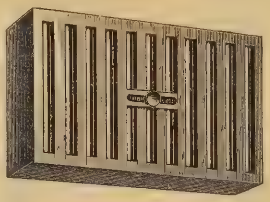
—DIMENSIONS AND WEIGHTS—

Size of Bolt	Diameter	Thickness	Size of Hole	Weight per 100 pcs.	100 lbs.
½ in.	2 in.	½ in.	⅝ in.	30 lbs.	**$8.00**
⅝ in.	2½ in.	⅝ in.	¾ in.	54 lbs.	**8.00**
¾ in.	3 in.	¾ in.	⅞ in.	95 lbs.	**7.00**
⅞ in.	3½ in.	⅞ in.	1 in.	150 lbs.	**7.00**
1 in.	4 in.	1 in.	1⅛ in.	212 lbs.	**7.00**
1⅛ in.	4½ in.	1⅛ in.	1¼ in.	297 lbs.	**7.00**
1¼ in.	5 in.	1¼ in.	1⅜ in.	424 lbs.	**7.00**
1⅜ in.	5½ in.	1⅜ in.	1½ in.	550 lbs.	**7.00**
1½ in.	6 in.	1½ in.	1⅝ in.	690 lbs.	**7.00**

These are the dimensions specified by U, S. Government.

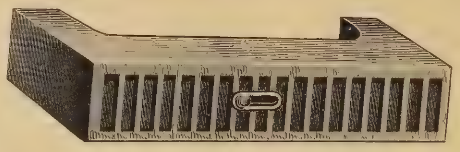
Air Brick Iron Ventilators

With sliding shutters and are neat, clean castings.



No. 40900

No.	Face Width	Face Height	Wall Depth	Weight each	List Price each
2	12 in.	7½ in.	4 in.	18 lbs.	**$4.00**
3	12 in	10½ in.	4 in.	20 lbs.	**6.60**
4	16 in.	7½ in.	4 in.	21 lbs.	**8.00**



No. 40901

No.	Face Width	Face Height	Wall Depth	Weight each	List Price each
2½	8½ in.	2½ in.	2¾ in.	4 lbs.	**2.00**
5	8½ in.	5 in.	4 in.	9 lbs.	**$3.35**

Wall or Ventilator Grates

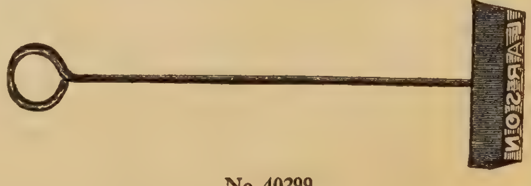
No. 40710

Cast Iron, small openings to keep out birds and mice.

Size	Weight each	List Price each
8x 8 in.	2¼ lbs.	**$0.66**
8x10 in.	2½ lbs.	**.70**
8x12 in.	4 lbs.	**.80**
8x16 in.	5 lbs.	**1.10**

Burning Brands or Branding Irons

Composition Copper fitted with Handle. Sharp Deep Letters.

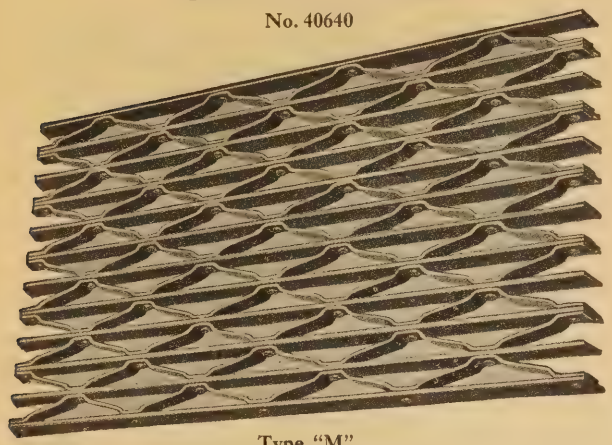


No. 40299

Can be supplied with any size letter or design.
Send us your specification for our prices.

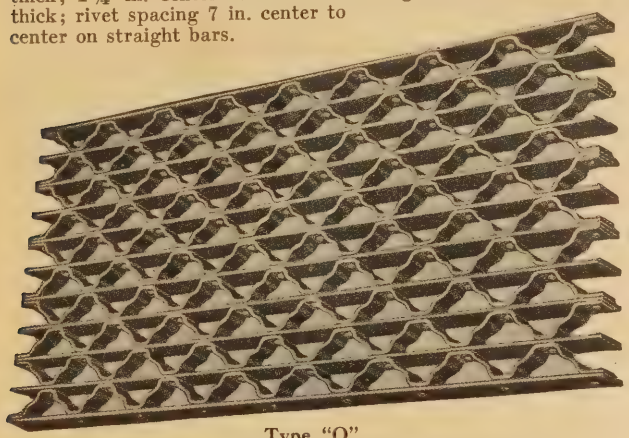
Open Steel Flooring

No. 40640



Type "M"

$1\frac{5}{16}$ in. from center to center of straight bars when $\frac{3}{16}$ in. thick; $1\frac{1}{4}$ in. center to center of straight bars when $\frac{1}{8}$ in. thick; rivet spacing 7 in. center to center on straight bars.



Type "O"

The most modern construction and quickest to install. The Reticuline bar meets the straight bar at almost a right angle and midsection of the Reticuline bend nearly approaches parallelism with adjoining bars. The open spaces between straight bars are completely bridged by the curved bands without reducing the total open space. The use of alternate deep and shallow bars permits making all bars absolutely flush on the top face of the panel, a condition impossible to obtain in so-called "reversible" gratings using "same depth" bars. Two-depthbar construction utilizes the full tensile strength of the steel since the rivet holes are punched above the neutral axis of the deep straight bars. This same two-depthbar construction amplifies lighting beneath and prevents building up of accumulated dirt, snow or ashes because the mesh is larger beneath than at the top. Collection of dirt is impossible. Reticuline bars act as truss members supporting the straight bars at the section above the neutral axis where the buckling tendency is greatest under load. This means distribution of load over an area instead of concentration of load at a point on one beam.

$1\frac{5}{16}$ in. from center to center of straight bars when $\frac{3}{16}$ in. thick; $1\frac{1}{4}$ in. from center to center of straight bars when $\frac{1}{8}$ in. thick; riveting spacing $3\frac{1}{2}$ in. center to center on straight bars. Can be furnished promptly from stock. $\frac{1}{2}$ in. —$\frac{3}{4}$ in.—1 in. depth; 24 in. wide; 72 in. long, or $1\frac{1}{4}$ in., $1\frac{1}{2}$ in., $1\frac{3}{4}$ in. 2 in., $2\frac{1}{4}$ in. depth; $13\frac{1}{2}$ in. wide; 72 in. long. Painted one shop coat with fastening device. Can be used satisfactorily for concrete or cement flooring.

Let us submit price on your estimated requirement. A blue print drawing will enable us to give you a correct lump sum price.

"Safstep"

Better Stairway Construction

No. 40641

"Safstep" consists of a panel of suitable size made of type "M" flooring (7 in. rivet centers). Except for the "Reticuline" bar next to the nosing bar, which has the type "O" ($3\frac{1}{2}$ in. rivet centers) crimp.

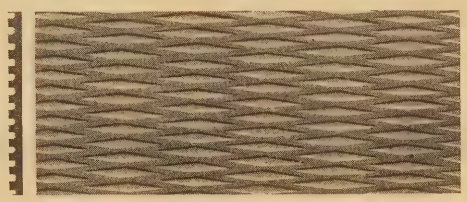
The nosing bar is of heavy one-quarter inch stock and the ends of the panel are closed by sturdy steel carrier plates punched for mounting. Each Safstep is a complete self-contained unit ready for attaching to stringers of any type. It is permanently non-slipping with a quality inherent in the structure and not dependent upon abrasives, mats, or other additions, nor is this "slip-proof" quality destroyed by water, snow, ice, oil, grease, or soap upon the step. It is a natural foot-scraper. Dirt, snow, ashes fall through the mesh. The step is always clean.

No dark corners under this stairway. Ample light through the stairway assures safety under foot. It is considered wear-proof, and replacements need never be anticipated.

Safety engineers, claim agents, and others with whom safety is a business, have given their unqualified approval to Safstep. It is made in 24 standard sizes, each a complete unit, with carrier plate punched and attached.

Prices on application. Send us your specifications.

Neverslip Rolled Steel Floor Plates



No. 40642

Neverslip floor plates are rolled from open hearth steel in two patterns—raised diamond pattern, and straight corrugated (ribbed) pattern—under the original Linden patents.

Used for floors and stairways in buildings, boiler and engine rooms, powerhouse, factories, cellar doors, sidewalk covers, fire escapes, trench covers and in places where structural strength combined with lightness is required for a safe and durable surface.

The raised diamonds are high and have four square edges. The surface is approximately flat, providing an even non-slipping surface with maximum wear.

Furnished in thickness from $\frac{1}{8}$ in. to $\frac{1}{2}$ in. widths from 20 in. to 60 in. and lengths up to 240 in. Larger and thicker plates may be furnished if desired.

Let us submit price on your estimated requirements.

Potts' Vault Light Door

No. 40423

(Same frame construction as Standard Doors.)

Designed for buildings where the basement is inadequately lighted. Light and strength are combined to a surprising degree; this door contains 36 square inches of glass to every square foot of door, yet none of the strength is lost.

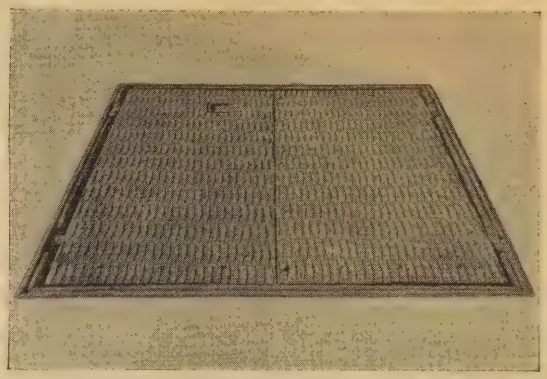
The glass is firmly held in place by waterproof cement and by metal cups which are riveted to the leaves. In case of breakage, the cement is easily removed and new lights may be installed without difficulty. Inexperienced men can easily make replacements of broken vault lights because of this construction.

This door is regularly made only in waterproof type. We cannot recommend too highly the application of our patented easy-opening springs to this door. Repeated jars eventually loosen the cement and cause breakage unless springs are employed.

Send us your door problems of every kind.

All door prices are very reasonable. Ask for quotations.

Potts' Standard Door



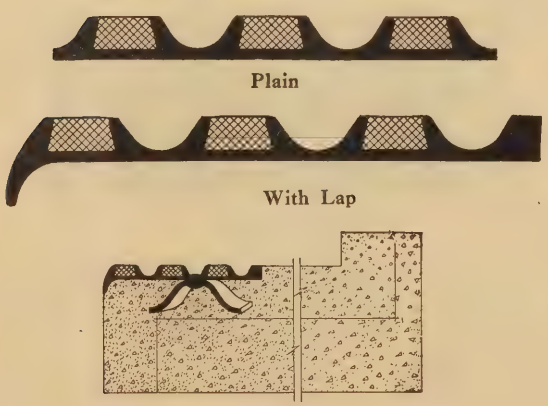
No. 40424

Potts "WT" Flush Watertight Doors with "Neverslip" Raised Diamond Pattern Plates are for use over Sidewalk Elevators, Ash Hoists, Package Chutes, Coal Chutes, Cellar Stairways, and any openings that pedestrian traffic passes over.

Top ¼ inch "Neverslip" Raised Diamond Plate and Ribbed Plate Border Strip of same thickness, resulting in an absolutely flush surface. Hinges to be heavy cast bronze with monel metal pin and to be removable. Frame to be 3 in. I-beam section, blocked out and welded at all corners. Water gutter to be formed by 3x2x¼ in. angle riveted to bottom of I-beam frame and welded continuously. This angle to have two holes tapped in corners to connect 1 in. pipe drain. Bracing angles on bottom of door leaves to be 2x2x¼ in. and to rest on edge of water gutter. Door truss at center of door. Flush bronze lift handle, check chains, guard bar, locking chain and staple are required as equipment to be furnished with door. Door to be set according to manufacturer's directions.

POTTS Extra Heavy Doors are for street and highway use. The Diamond Plate is ⅝ in. thick with Ribbed Plate Border Strips the same. The hinges, frame, bracing angles, and door truss all correspondingly heavier, as it is designed to carry street traffic.

Safe-Groove Stair Treads



Plain

With Lap

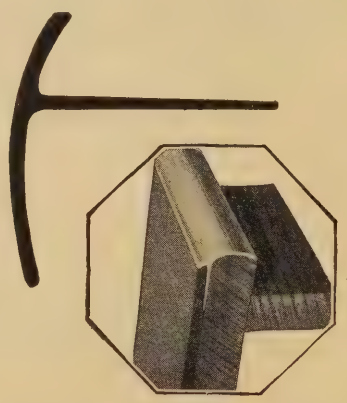
No. 41950

Safe-groove stair treads are used on stairs of concrete, granite, marble, terazzo, steel, wood, or of any material, for protection from disfiguring, wear and for the prevention of accident from slipping and falling. They are also used to renew and make safe stairs which have become worn and hollowed under heavy traffic. The foot contacts only with the flat ribs of anti-slip material which provides a free, clear and safe walking surface at all times. The deep, narrow grooves provide drainage for water tracked by pedestrians.

We can furnish any width and length promptly.

Let us submit price on your estimated requirements.

Stair Nosings



No. 41955

Literally thousands need and want something that will hold stair coverings smooth and unwrinkled—but where to find it is the problem! This feather edged product not only helps hold the stair covering tight, but takes the wear off the edge of the stair.

By diffusion of light on its polished surface, the stair nosing emphasizes stair contour and prevents accidents. Can be used with rubber, linoleum, cork tile, composition or any other material.

Let us submit price on your estimated requirements.

Cesspools

Bell Trap

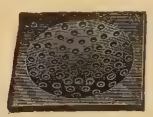
No. 40320

STANDARD

Size	Depth of Body	Height over all	Outside Diam. of Outlet	Approx. Net Wt	List Price Each
4x 4 in.	2 1/8 in.	3 1/2 in.	1 1/4 in.	2 1/2 lbs.	**$0.70**
6x 6 in.	2 3/8 in.	3 5/8 in.	2 in.	4 3/4 lbs.	**.80**
8x 8 in.	3 5/8 in.	4 1/4 in.	2 3/4 in.	10 lbs.	**1.45**
9x 9 in.	4 in.	5 3/4 in.	3 in.	11 1/2 lbs.	**1.60**
9x 9 in.	3 3/4 in.	5 in.	4 in.	11 1/2 lbs.	**1.60**
10x10 in.	4 in.	5 3/4 in.	3 in.	12 1/2 lbs.	**1.80**
10x10 in.	3 7/8 in.	5 3/8 in.	4 in.	12 1/2 lbs.	**1.80**
12x12 in.	3 3/8 in.	5 3/8 in.	3 5/8 in.	15 lbs.	**2.40**
13x13 in.	3 3/4 in.	6 in.	3 5/8 in.	18 1/2 lbs.	**2.90**

Cesspool Plates

Square

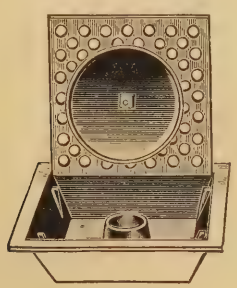


No. 40321

Size	6 in.	8 in.	10 in.	12 in.
List Price, Each	**$0.30**	**$0.60**	**$0.80**	**$1.20**

Cellar Traps

With Bell Trap



No. 40322

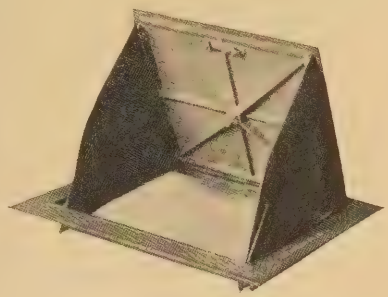
No.	Size	Depth of Body	Height over all	Outside Diam. of Outlet	Approx. Net Wt.	List price each
1	9x 9 in.	2 1/8 in.	3 in.	1 7/8 in.	6 1/2 lbs.	$1.00
2	12x12 in.	2 1/8 in.	3 5/8 in.	1 3/4 in.	14 1/2 lbs.	1.50
3	15x15 in.	3 5/8 in.	4 1/2 in.	3 1/4 in.	21 lbs.	2.00

Safety Coal Hole Cover

No. 40370

Designed in accordance with requirements of Bureau of Highways, New York City.

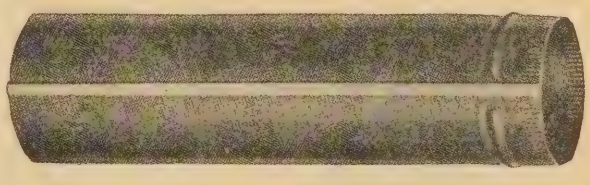
A heavy cast iron frame and cover. Steel sheets protect the sides of the opening when open. Flush non-slip cover and frame with lifting ring. Pivoted supports hold the cover open when in use. An eye on the under side of the cover to secure a chain for fastening. Four bolts anchor frame into concrete.



No.	Size of Opening	List Price Each
20	20x20 in. with Regular Cover	**$22.00**
200	20x20 in. with Heavy Cover	**24.00**

Stove Pipe and Elbows

Blued Steel Uniform Color



Stove Pipe (24 inch Joints)

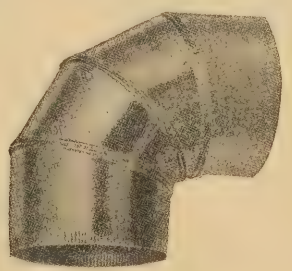
No. 41645

5 in.	28 gauge.	List Price per Joint	**$0.30**
6 in.	28 gauge.	List Price per Joint	**.35**
7 in.	28 gauge.	List Price per Joint	**.40**

Tapered Joints (24 inch Joints)

No. 41646

6 to 5 in.	28 gauge.	List Price per Joint	**$0.40**
7 to 6 in.	28 gauge.	List Price per Joint	**.46**



Adjustable Elbows

No. 40500

5 in.	28 gauge.	List Price per Dozen	**$4.50**
6 in.	28 gauge.	List Price per Dozen	**5.00**
7 in.	28 gauge.	List Price per Dozen	**6.00**

SALAMANDERS

No. 41925

Ash pans are 22-gauge steel, 2 inches deep in center and 5 inches below shell.

Tops are heavy cast iron with removable lid and 6-inch stove pipe opening.

Each Salamander is equipped with heavy cast iron grate.

Tops and grates can be supplied separately.

Type No.	Gauge	Diameter Inches	Height Inches	Total Height Inches	Wgt. Lbs.	Equipment	List Price each
160	16	18½	24	34	47	No ash pan, no top	**$7.25**
162	16	18½	24	34	51	Ash pan, no top	**8.00**
164	16	18½	24	34	69	Ash pan and top	**10.00**
180	18	17	20	30	31	No ash pan, no top	**6.75**
182	18	17	20	30	34	Ash pan, no top	**7.50**
184	18	17	20	30	52	Ash pan and top	**9.50**

GRATES

Ser. No.	Size Diameter	Weight Each	List Price Each
41926	17 in.	13 lbs.	**$3.75**
41926	18½ in.	18 lbs.	**4.50**

ASH PANS

41927	22 in.	2 lbs.	**$2.25**
41927	23 in.	2½ lbs.	**2.25**

TOPS

41928	18 in.	14 lbs.	**$6.00**
41928	19 in.	16 lbs.	**6.00**

PYRONEEL BUILDERS' STOVE

No. 41960

Requires minimum of care and attention.

Sturdily built for long, hard service.

Revolving dampers on feed doors.

Quick heat response. Free draft.

Shaking grates supported by grate rests.

Ash doors equipped with tight fitting sliding dampers.

For Offices and Shanties

Every builder or contractor needs this inexpensive provider of warmth. Burns wood, coal or coke.

	No. 1	No. 2	No. 3	No. 4	No. 5
Height of Stove	28¾ in.	30¾ in.	32⅜ in.	34¼ in.	36⅞ in.
Height of Legs	7 in.	7 in.	7 in.	7 in.	7 in.
Diameter of Top Plate	11¼ in.	12¼ in.	13⅞ in.	15⅜ in.	17⅞ in.
Diameter of Lid	5⅝ in.	6⅝ in.	7 1/16 in.	7⅛ in.	8 in.
Size of Smoke Pipe	6 in.	6 in.	6 in.	6 in.	7 in.
Size of Feed Door Opening	4¼x5¾ in.	5x6⅜ in.	5⅝x6¼ in.	6¼x7 in.	6⅜x7 in.
Inside diam. of Fire Bowl at Top	10⅝ in.	11¾ in.	13 in.	14½ in.	16 in.
Inside diam. of Fire Bowl at Bottom	7 in.	8⅛ in.	9½ in.	10¾ in.	12¼ in.
Diameter of Grate	6¼ in.	7⅜ in.	8¾ in.	10⅛ in.	11 in.
Size of Ash Pit	9¼x8¾x3⅞ in.	10½x9¾x4¼ in.	13x13x4⅛ in.	14½x14½x4½ in.	16x16x5½ in.
Size of Ash Pit Door Opening	3⅞x7½ in.	4¼x8½ in.	4⅛x10 in.	4½x11⅜ in.	4¾x13 in.
Floor Space Required	16x17¼ in.	17¾x19 in.	19x20½ in.	20½x21½ in.	21½x22¾ in.
Weight of Stove complete	63 lbs.	75 lbs.	100 lbs.	123 lbs.	161 lbs.
List price, each	**$18.00**	**$22.00**	**$26.00**	**$32.00**	**$39.00**

D Handle Square Point Shovels

Plain Strap, Plain Back

No. 41931

Size No.	Blade Dimensions	Approx. Weight per doz.	List price per doz.
2	9¾x11¾ in.	59-61 lbs.	**$22.48**
3	10¾x12¼ in.	61-63 lbs.	**22.88**
4	10¾x12¾ in.	63-65 lbs.	**23.28**
6	11¾x13¾ in.	67-69 lbs.	**24.08**

D Handle Round Point Shovels

Plain Strap, Plain Back

No. 41932

Size No.	Blade Dimensions	Approx. Weight per doz.	List price per doz.
2	9½x12 in.	58-60 lbs.	**$22.48**
3	9½x12½ in.	60-62 lbs.	**22.88**
4	9¾x13¾ in.	62-64 lbs.	**23.28**
6	10¼x14 in.	66-68 lbs.	**24.08**

Long Handle Square Point Shovels

Plain Strap, Plain Back

No. 41933

Size No.	Blade Dimensions	Approx. Weight per doz.	List price per doz.
2	9¾x11¾ in.	61-63 lbs.	**$22.48**
3	10¼x12¼ in.	63-65 lbs.	**22.88**
4	10¾x12¾ in.	65-67 lbs.	**23.28**
6	11¾x13¾ in.	69-71 lbs.	**24.08**

Long Handle Round Point Shovels

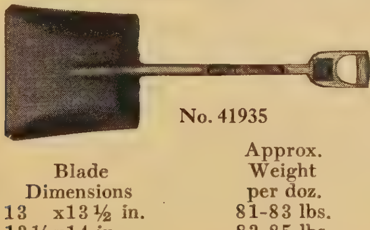
Plain Strap, Plain Back

No. 41934

Size No.	Blade Dimensions	Approx. Weight per doz.	List price per doz.
2	9¾x12 in.	59-61 lbs.	**$22.48**
3	9½x12½ in.	61-63 lbs.	**22.88**
4	10 x13 in.	63-65 lbs.	**23.28**
6	10¼x14 in.	67-69 lbs.	**24.08**

D Handle Sq. Pt. Coal or Coke Shovels

Hollow Back



No. 41935

Size No.	Blade Dimensions	Approx. Weight per doz.	List price per doz.
1	13 x13½ in.	81-83 lbs.	**$23.35**
2	13½x14 in.	83-85 lbs.	**23.75**
3	13⅞x14½ in.	85-87 lbs.	**24.15**
4	14¼x14¾ in.	87-89 lbs.	**24.55**

D Handle Eastern Pattern Scoops

Hollow Back

No. 41936

Size No.	Blade Dimensions	Approx. Weight per doz.	List price per doz.
2	11 x15 in.	73-75 lbs.	**$22.86**
3	11¼x15½ in.	76-78 lbs.	**23.26**
4	11½x16 in.	79-81 lbs.	**23.66**
5	12 x16½ in.	83-85 lbs.	**24.06**
6	12¾x17 in.	85-87 lbs.	**24.46**
7	13¼x17½ in.	88-90 lbs.	**24.86**

Super Steel Shovels

Molybdenum Steel

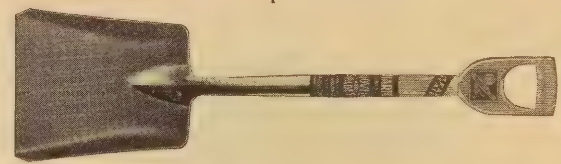
Special analysis of Molybdenum Steel assures a combination of maximum hardness, toughness and resiliency never before developed in a shovel, and as an extra precaution the Brinell test is constantly employed as a verification of the heat treatment.

The alloy steel used produces a blade that will give everlasting service, which will not crack or bend, hard yet not brittle, tough yet not ductile, resilient yet not too springy.

Every SUPER STEEL SHOVEL is unconditionally guaranteed to give excellent service and produce economical results. This guarantee is stipulated on every shovel.

D Handle Square Point

Plain strap. Plain back.

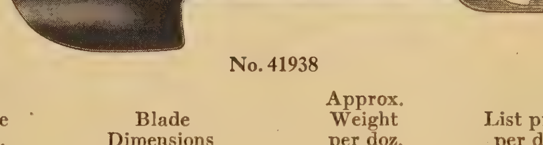


No. 41937

Size No.	Blade Dimensions	Approx. Weight per doz.	List price per doz.
2	9¾x11¾ in.	59-61 lbs.	**$24.00**
3	10¼x12¼ in.	61-63 lbs.	**24.75**
4	10¾x12¾ in.	63-65 lbs.	**25.50**

D Handle Round Point

Plain strap. Plain back.



No. 41938

Size No.	Blade Dimensions	Approx. Weight per doz.	List price per doz.
2	9¼x12 in.	57-59 lbs.	**$24.00**
3	9½x12½ in.	59-61 lbs.	**24.75**
4	9¾x13 in.	61-63 lbs.	**25.50**

Standard Railroad Picks

No. 41632

Weight Pounds	Length Inches	List Price per Doz.
5	21	**$13.50**
6	23	**14.50**
7	25	**15.50**
8	26	**17.00**
9	27	**19.00**
10	28	**21.00**

Packed two dozen in a case.

Contractors' Picks

No. 41630

Weight Pounds	Length Inches	List Price per Doz.
7	25 ½	**$18.50**
8	27	**19.50**
9	28	**21.50**

Packed two dozen in a case.

Pick Mattocks

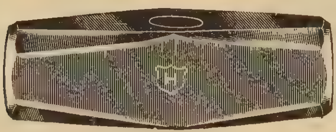
No. 41631

Black finish, bevel polished.

Weight Pounds	Size Hoe	Length Point	List Price per Doz.
5	8 x 3 ½ in.	7 ½ in.	**$16.00**
6	8 x 4 in.	8 ½ in.	**17.00**

Packed two dozen in a case.

Sledges



Long Pattern

No. 41629

10 lbs. and under have polished ends; over 10 lbs. black japan all over.

Weight, each, lbs.	3	4	5	6	7	8	10	12	14	16	20
List Price, each	$1.35	1.56	1.80	1.95	2.10	2.25	2.70	3.15	3.60	4.20	5.25

Carpenter's Ripping Bars

Goose Neck
Octagon Steel

No. 40209

Size	Weight Lbs. per doz.	List price per dozen
⅝ x12 in.	15	**$3.90**
⅝ x18 in.	21	**4.35**
¾ x24 in.	40	**6.30**
¾ x30 in.	51	**7.50**
¾ x36 in.	61	**9.30**
⅞ x36 in.	80	**13.50**

CEMENT AND SOD TAMPERS

Wood Handle

No. 42012

Made of cast iron with 2 ¼ in. diameter wood handles.

Size of Face	Weight	List price Each
6x6 in.	12 lbs.	**$2.10**
6x8 in.	17 lbs.	**2.70**
7x7 in.	15 lbs.	**2.40**
8x8 in.	17 lbs.	**2.60**
9x9 in.	18 lbs.	**2.80**
10x10 in.	20 lbs.	**3.00**
12x12 in.	26 lbs.	**4.00**

Pipe Handle

Pipe Handle

Size of Face	Weight	List price Each
6x6 in.	16 lbs.	**$2.70**
6x8 in.	21 lbs.	**3.80**
7x7 in.	19 lbs.	**3.30**
8x8 in.	21 lbs.	**3.40**
9x9 in.	22 lbs.	**3.50**
10x10 in.	24 lbs.	**3.80**
12x12 in.	30 lbs.	**4.30**

Oblong Face

Oblong Face

Size of Face	Weight	List price Each
2 ¾ x4 ¼ in.	18 lbs.	**$4.00**

No. 42011

No. 42013

Crow Bars

Pinch Bar

No. 40206

Wedge Bar

No. 40207

Weight Lbs.	Length Ft.	Size of Sq. In.	List Price Each
10	4	1	**$1.60**
14	4 $\frac{5}{16}$	1 $\frac{3}{16}$	**2.25**
18	5	1 ¼	**2.90**
20	5 ⅓	1 ⅜	**3.20**
22	5 $\frac{7}{12}$	1 ⅜	**3.50**
24	5 ¾	1 $\frac{7}{16}$	**3.85**
26	5 ⅞	1 ½	**4.04**
30	6	1 ⅝	**4.80**

Steel Brick Hods

No. 40830

Made from sheet steel and especially reinforced at dumping point where it receives the hardest wear. Has a pressed steel socket fork and wooden shoulder.

Weight, with handle, 6½ lbs. Size, 22x10x7 inches deep.

List Price ....per dozen **$20.00**

Steel Mortar Hods

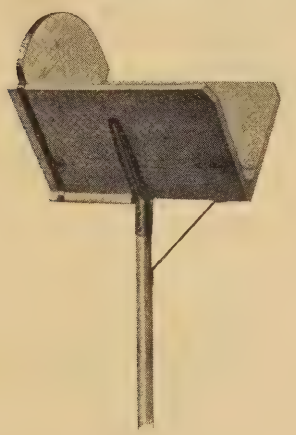
No. 40831

Iron clad never drip body. Sides and head made of one-piece sheet steel; wooden shoulder saddle and handle. Heavy steel forks.

Weight complete, 11 pounds. Size, 26x12x11½ inches deep.

List Price .....per dozen **$25.00**

Wood Hods



Made of Spruce. Iron bound around Back.

Flat iron bracket supports front.

Iron fork bracket attaches handle to body.

Ser. No.	Style	Height Overall	Length Body	Inside Dim. Body	Weight per doz.	List Price per doz.
40832	Mortar	54 in.	22 in.	9½x 7½ in.	100 lbs.	$60.00
40833	Brick	52 in.	22 in.	8x 7 in.	94 lbs.	70.00
40834	Plaster	58 in.	22 in.	13x11½ in.	110 lbs.	80.00

Brick Clamps

No. 40285

WILL PAY FOR ITSELF in three days by handling brick over the old method.

By saving twenty-five per cent time unloading a car of brick.

By not making a mistake in the count, as they can be adjusted from four paving brick to twelve regular.

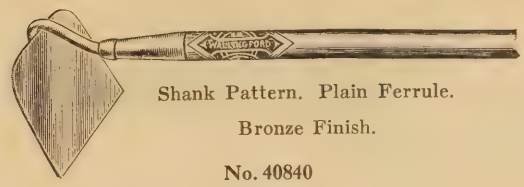
By saving from 50c to $1.00 on every thousand pressed brick by not chipping.

Pavers save thirty-three per cent by carrying bricks from curb to paver instead of wheeling them.

Weight, 6 lbs. each. List Price, each.....**$2.50**

Mortar Hoes

Wallingford Brand



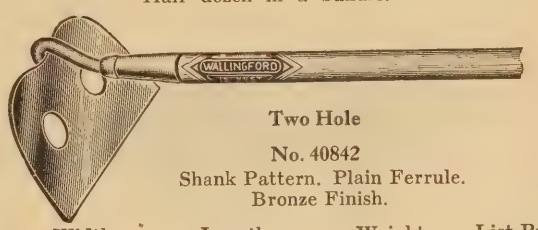
Shank Pattern. Plain Ferrule.

Bronze Finish.

No. 40840

No.	Width Blade	Length Handle	Weight Per Doz.	List Price Per Doz.
9	9 in.	5½ ft.	42 lbs.	**$26.00**
10	10 in.	6 ft.	46 lbs.	**27.00**

Half dozen in a bundle.



Two Hole

No. 40842

Shank Pattern. Plain Ferrule.
Bronze Finish.

No.	Width Blade	Length Handle	Weight Per Doz.	List Price Per Doz.
90	9 in.	5½ ft.	42 lbs.	**$26.00**

Half dozen in a bundle.

Rubber Hose

No. 40860

Small corrugation of Rubber, outside, reinforced with 48 extra strands of twisted long fibre cotton. Sunproof and made to stand rough usage for construction work. ¾ in. diameter. 50 foot lengths with couplings.

List Price, per ft.....**$0.30**

Hickory Pick Handles

No. 41635

Selected straight grain second growth hickory.

Length		List Price per Doz
36 in.	Grade A	**$10.75**
	Grade B	**8.45**

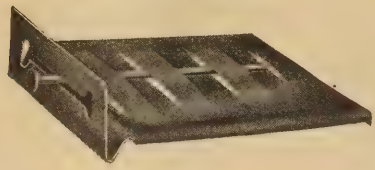
Hickory Sledge Handles

No. 41636

Selected straight grain second growth hickory.

Length	List Price per Doz.
30 in.	**$5.00**
32 in.	**5.00**
34 in.	**6.00**
36 in.	**6.00**

Wall Plug



Yankee
No. 41660

This Plug stamped from galvanized steel for use on brick, concrete or cement block buildings. Size 2 ¾ in long, 2 ½ in. wide. Packed 500 in a box, weight 35 pounds.

List price, per 1000 .... **$15.00.**

Bostwick
No. 41662

This Wall Plug formed from galvanized steel with corrugations. The corrugations act as teeth and hold the nail immovable. Size 2 ¾ in. long, 2 ½ in. wide, packed 500 in a box, weight 50 lbs. List price, per 1,000 .... **$20.00**

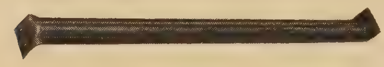
Wall Ties

No. 42026

These Ties are made from deeply corrugated steel, heavily galvanized, and make an extremely durable and effective tie in a masonry wall. Two holes punched in one end, making it suitable as a Standard or Veneer tie. Size ¾ in x 7 in., weight 35 lbs. per 1000.

List price, of 1,000 .... **$5.00**

Steel Bridging



No. 40295

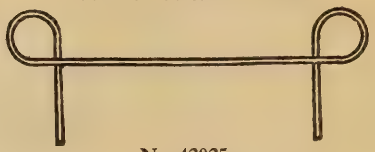
As its name implies, takes the place of ordinary wooden cross bridging. Installed in the same manner as wooden bridging with 4-penny common nails. No carpentry time required in cutting and fitting.

Stypes and Weights

Style	Net Diagonal Length	Wood Joints	Centers	Approximate Shipping Wt. per 100 lbs.	List Price per 100
No. 1	15 $\frac{1}{16}$ in.	2x 8 in.	16 in.	36 lbs.	**$8.00**
No. 2	15 ⅞ in.	2x10 in. / 2x12 in.	16 in.	38 lbs.	**8.00**
No. 4	12 ½ in.	2x10 in. / 2x12 in.	12 in.	30 lbs.	**8.00**

Steel Bridging is painted with a heavy coat of black paint. Shipped in bundles of 50 pieces or 25 pairs.

Wire Wall Ties



No. 42025
Galvanized

Length	Gauge	List Price per 1,000
7 in.	12	**$15.00** . .
7 in.	10	**19.00**

"Universal"

No. 42024
Galvanized

The quadrangular bonding heads bury into the mortar until completely surrounded and will withstand a pull of 800 pounds.

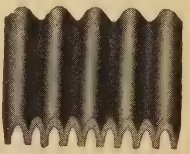
Style	Length	Weight per 1,000	List Price per 1,000
Standard No. 1	7 in.	40 lbs.	**$10.00**
Veneering	4 in.	25 lbs.	**10.00**

Wall Ties

ECONOMY
No. 42023

No. 12 Galvanized Wire, List Price Per 1,000...... **$15.00**

Corrugated Joint Fasteners



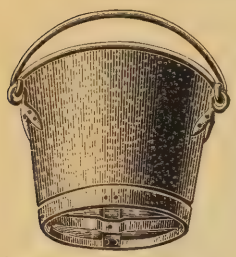
Sawedge
No. 40615

Continuous cutting edge, insuring free driving both with and across the grain of the wood, but are evenly bevelled on both sides, so that they will drive straight, and hold much better than any other fasteners.

Number of Corrugated	Inches in Depth ¼	⅜	½	⅝	¾	⅞	1
No. 3......	.60	.75	.85	1.00	1.15	1.35	1.45
No. 4......	.75	.95	1.05	1.30	1.45	1.75	1.85
No. 5......	.90	1.20	1.30	1.70	1.85	2.20	2.40
No. 6......	1.10	1.40	1.50	1.85	2.15	2.55	2.85
No. 7......	1.30	1.60	1.80	2.20	2.50	3.00	3.35
No. 8......	1.50	1.80	2.10	2.55	2.90	3.45	3.85

When ordering give depth and number.
Packed in 5, 10, 25 and 100 lbs. boxes.

Galvanized Cement Pails



No. 41611

This cement pail is galvanized. Made double extra heavy with double braced bottoms. Without hoop.

Cap. Qts.	Size	Weight per doz.	List price per doz.
14	11¾x10½ in.	80 lbs.	**$24.00**

½ Doz. in a Bundle.

Heavy Galvanized Water Pails

No. 41610

This pail is made of heavy grade steel and well galvanized. It has riveted ears and heavy wire bail. The body of the pail is plain.

Cap. Qts.	Size Inches	Wt. lbs. per doz.	List price per doz.
12	11 x10	35	**$9.20**
14	11½x10¼	42	**10.50**
16	11½x10⅞	46	**11.85**

½ dozen in a bundle.

Barrel Stand

Slip it under—Tip over—Ready for use

This Barrel Stand makes handling of heavy barrels an easy job for one man. It is all steel-electric welded-delivered completely assembled. Made in two sizes.

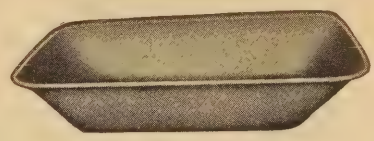
No. 40220—Standard Size raises faucet 18 in. above floor. Weight, 33 lbs. List price, each, **$12.00.**

No. 40221—Special Size raises faucet 24 in. from floor. Weight, 42 lbs. List price, each, **$18.00.**

Standard size with wheels 2½ in. diameter with 1⅛ in. face, properly placed so that there is no tendency for the rocker to roll while the barrel is being elevated, nor fall back after the container is in the horizontal position. Carries a 30 gallon drum.

No. 40222 raises faucet 18 in. from floor. Weight 40 lbs. List price, each, **$15.00.**

Pressed Steel Mortar Tubs



No. 41350

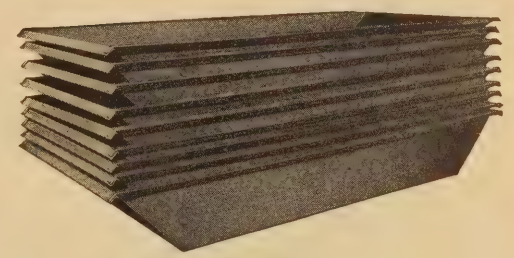
Made of 16 gauge sheet steel pressed to shape with a $\frac{5}{16}$-inch rod around the top.

Size, 29 inches square on top, 15 inches square on bottom and 8 inches deep.

It is neat, clean and light in weight. Weight 20 lbs.

List price, each **$4.00**

Mortar Mixing Boxes



No. 40273

DISTINCTIVE FEATURES—Reinforced Corners: Two thicknesses of metal electrically welded together.

Flanged at Top: For greater strength and easier handling.

Smooth Bottom: For better and quicker cleaning.

Smooth Edges: For safe handling and stacking.

Leakproof: Retaining all moisture necessary for a successful mix.

Rigid: Their construction insures maximum service.

Fire Resistant: For heating mortar in cold weather.

Nest: Simplifying moving from job to job and saving storage space.

Size	Depth	Gauge	Weight Each	List Price Each
2 ft. 6 in. x 5 in.	10 in.	14	90	**$23.00**
3 ft. 4 in. x 7 ft. 6 in.	10 in.	14	180	**28.50**
4 ft. x 11 ft. 6 in.	12 in.	14	300	**47.00**

Lewthwaite Cutters

Body and side malleable iron. Handle socket made of cast iron. Generous size steel shafts with large nuts. Cutting blades tempered tool steel. Can be supplied with interchangeable blades for cutting Angles, Flat Bars or Roods.

Angle Iron Cutters

No. 40384

No.	Cuts up to	Weight	List Price, each	List Price Extra Blades
B	$\frac{3}{16}$ x 1½"	70 lbs.	**$48.00**	**$5.60** per set
C	¼ x 1¾"	105 lbs.	**64.00**	**6.00** per set

Flat Bar Cutters

No. 40383

No.	Cuts up to	Weight	List Price, each	List Price Extra Blades
A	¼ x 2	40 lbs.	**$40.00**	**$3.50** per set
B	⅜ x 2	70 lbs.	**48.00**	**4.50** per set
C	¼ x 3	105 lbs.	**64.00**	**5.00** per set

Rod Cutters

No. 40382

No.	Cuts up to	Weight	List Price, each	List Price Extra Blades
A	**⅜**	40 lbs.	**$40.00**	**$4.00** per set
B	**½**	70 lbs.	**48.00**	**5.00** per set
C	**¾**	105 lbs.	**64.00**	**5.50** per set

These cutters are very practical tools for use in the shop or on the job. With the interchangeable blades it is only necessary to have one machine of a size and one set of each type blades.

Bender

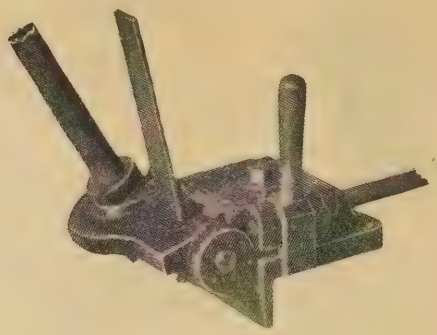
No. 40263

Bends by dropping wires or band iron into slot and pulling handle till desired angle is reached.

Weight, 17 pounds. List price, each, **$32.00**

Metal Lathers Bender

Also Known as Fisher Bender



No. 40261

This Bender is used for fireproof Partitions, Brackets, Cornice, Braces, Iron Rods, Stirrups, Knees, Beam Clamps, Separators for Reinforced Concrete, etc.

Bends up to ½ in. round or square iron, 1½ x ⅜ in. channel iron, 2¼ x $\frac{5}{16}$ in. flat cold iron. Will bend one inch apart. If the iron has to be bent on both ends, the machine may be quickly opened to remove the bent piece. It will bend at any angle desired. It is made of the best quality malleable iron castings with hardened steel blade.

Weight, 40 pounds. List price, each, **$40.00**

Hairpin Bender

No. 40262

Bends wires into U shape to take 1 in. between the two sides. Bending throat is 2 ins. deep so as to take a number of wires at one time. Bending rolls are hardened. Can be made to bend other widths at extra cost.

Weight, 30 pounds. List price, each, **$32.00**

New "Easy" Bolt Clippers

No. 40381

Are made with special adjusting feature doing away entirely with the use of shims and is superior to any other Bolt Clipper on the market. This Bolt Clipper is made on the so-called "New Easy" principle; in four sizes; it is indestructible.

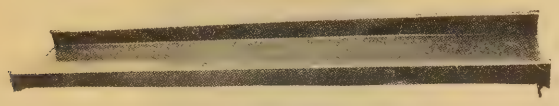
All parts are interchangeable with any standard make.

No.	Size Bolt	Length	Weight	List price Each
0	$\frac{5}{16}$ in.	18 in.	3¾ lbs.	**$3.75**
1	⅜ in.	24 in.	6 lbs.	**5.00**
2	½ in.	30 in.	9¼ lbs.	**7.00**
3	⅝ in.	36 in.	13¼ lbs.	**9.00**

Prices on parts on application.

Steel Coal Chutes

Tapered Wagon 16 Gauge Steel with Frame of Angle Steel



No. 40339

Size	Width Top	Width Bottom	List Price, each
8 ft. long	18 in.	12 in.	**$12.00**
10 ft. long	18 in.	12 in.	**15.00**
12 ft. long	18 in.	12 in.	**18.00**

Coal Screens

Steel Wire

Frames, seasoned oak, strongly put together, and ironed where special strengthening is needed. Heavily ironed over the cloth at top and bottom so that the wood cannot be worn out by coal. All metal is japanned.

Wire made of superior quality of steel, drawn and specially tempered.

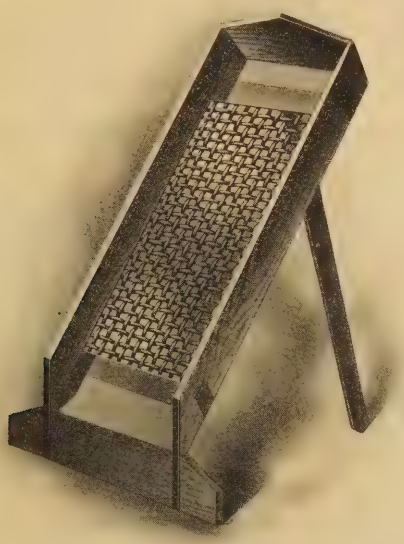
The cloth or bottom is an extra heavy grade, heavier than in any other make of screen and woven with the wires double crimped, and cannot slip or sag after screen has been used a short time.

The foot board and leg are very convenient attachments.

The foot board elevates the screen so a quantity of coal can be run over before shoveling away, also prevents coal from mixing with the dust. It is mortised into the frame so it is almost impossible for it to become broken or detached.

The leg is thoroughly braced and movable so the screen can be adjusted to any height required.

Screens without these attachments have a cleat bolted on the back at the top so they can be rested on a board.



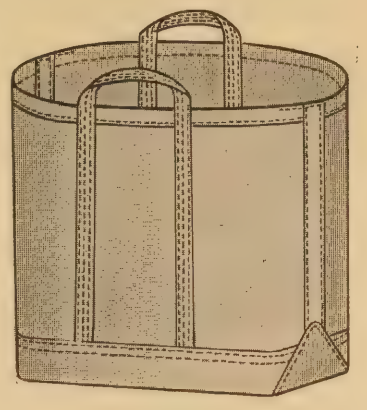
No. 41912

When ordering do not fail to mention the size mesh (hole) wanted. All meshes are furnished at same price.

No.	Size	Weight, each	List Price each
	Without Foot Board and Leg		
10	34x76 in.	101 lbs.	**$15.00**
20	31x69 in.	86 lbs.	**$12.00**
	With Foot Board and Leg		
1	34x81 in.	118 lbs.	**$17.25**
2	31x74 in.	106 lbs.	**14.25**

Meshes furnished ¼, ⅜, ½, ⅛ and 1 inch.

Coal Bags



No. 40190

Made of No. 4 Duck and sewed with guaranteed stitching which never breaks. Long and satisfactory service is assured.

		List Price each
No. 1.	Double Bottom Bag with Long Handles	**$3.12**
No. 2.	Double Bottom Bag with Long Handles and extra Side Handles	**3.26**
No. 9.	Double Bottom Bag with Long Handles, extra Side Handles and rope stiffened rim	**4.00**
No. 5.	Double Bottom Bag with Short Handles extending five inches below hem of bag	**3.00**
No. 6.	Single Bottom Bags with Short Handles extending five inches below hem of bag	**2.60**

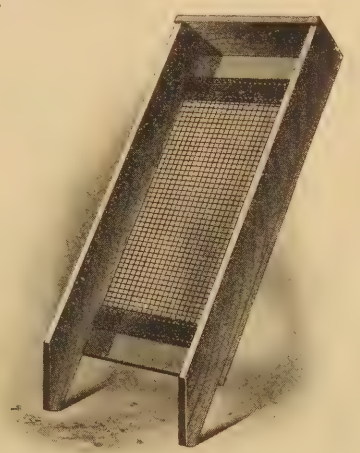
Coal Screens

"Handy"

Designed for small yards, screening ashes, gravel and sand.

The cloth is medium grade, steel wire, single crimped.

The frame of clear spruce, well put together and braced with sheet iron.



No. 41913

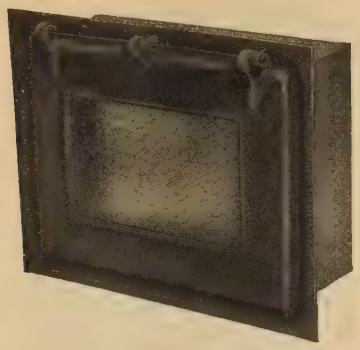
When ordering do not fail to mention the size of mesh (hole) wanted.

No.	Size	Weight, each	List Price, each
	Japanned Steel Wire		
6	25x62 in.	33 lbs.	**$6.00**
7	28x66 in.	37 lbs.	**7.50**
	Galvanized Steel Wire		
9	25x62 in.	33 lbs.	**$7.50**
10	28x66 in.	37 lbs.	**9.00**

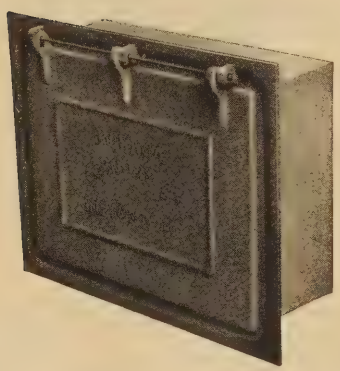
Meshes furnished ¼, ⅜, ½, ⅛ and 1 inch.

"Pyroneel" Coal Chute

(For Building in Foundation Walls)



Wire Glass Panel Door
No. 40336



Solid Cast Iron Door
No. 40335

Designed to use in foundation walls of tile or concrete blocks, stone or solid concrete, height exactly equals height of 2 standard 8-in. blocks, plus width of mortar joint. Blocks lie flat on top of chute. Equally adapted for foundation walls of stone or solid concrete.

Door swings up, and while chute is in use it locks open automatically. Door swings on 3 hinges, instead of 2 as in usual construction of this type chute. Extra hinge, added to scientific design of door (angle iron principle), minimizes all danger of breakage, even if door is dropped.

Equipped with automatic latch, so when door is closed from outside it locks securely in place, and can only be opened from inside. Opening in chute of ample width to take wagon chute.

Cast iron throughout insuring much longer life than sheet steel. Castings are clean, smooth, full weight. Chute carefully fitted and well painted.

This chute will never have to be replaced—a permanent investment.

SPECIFICATIONS

Size of Opening	16x21½ in.
Size of Door	16⅞x22½ in.
Size of Frame, overall (at front of chute)	20⅝x26 in.
Depth of Chute, into wall	8 in.
Size of Frame at back of chute (Opening into cellar)	17x22⅝ in.
Weight	91 lbs.
List Price, each, Cast Iron Door	**$15.00**
List Price, each, Wire Glass Door	**18.00**

Coal Chute

No. 40330

Metal Coal Door made of Copper Steel sturdy and attractive in appearance.

The frame is one solid piece of deep drawn, heavy, Copper Steel Tank Plate and the same material is used throughout the door's construction.

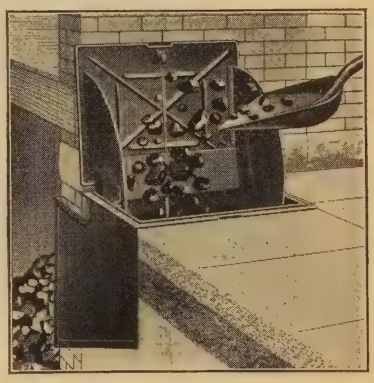
The bottom apron is made heavy to easily withstand the severest shocks of coal delivery.

The hinges cannot break and are so constructed that they automatically hold the door up against the building when open, to give perfect protection for the wall when coal is being put into the building.

The lock is exceptionally strong with heavy spring which insures positive locking when the door is closed. Lock may be equipped with a chain in order to release catch without climbing over the coal.

Style No.	Wall Thickness	Masonry Opening	Weight	List Price each
35	8 in.	21¾ in. wide x 16 in. high	35 lbs.	**$5.50**
46	8 in.	21¾ in. wide x 16 in. high	46 lbs.	**7.50**

Majestic Grade Line Coal Chute



No. 40331

These Grade Line Coal Chutes are used for homes and buildings where there is little or no foundation above the ground. The door swings up and the catch on the hopper holds the door open, and protects the building when coal is delivered. Dust chutes on sides prevent coal from getting between door and frame at rear. The frame and hinges are malleable iron, with brass hinge pins. The door is also of malleable iron with anti-slipping surface, and ribbed on the inside for extra strength. The frame is protected with a large waterproof groove around inside edge, and is positively water-tight.

No.	Door Opening	Rough Wall Opening Wide	Rough Wall Opening High	Shipping Weight	List Price Each
M16	23¼x18¼ in.	25 in.	25 in.	135 lbs.	**$35.00**
M18	29 x24 in.	31 in.	31 in.	200 lbs.	**50.00**

Waterproof Coal Hole Frames and Covers

No. 40370

Complete Ring and Cover

No.	Size of Opening	Size of Frame	Weight	List Price Each
3	15 in.	19 3/8 in.	35 lbs.	$5.65
8	18 in.	22 1/2 in.	51 lbs.	8.25
4	20 in.	24 1/2 in.	49 lbs.	7.90
9	24 in.	28 3/8 in.	72 lbs.	11.75

Covers Only
No. 40373

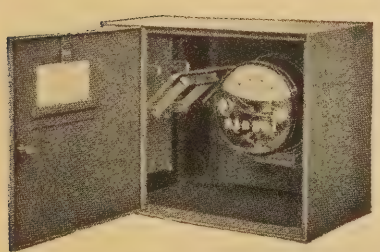
No.	Outside Dimensions of Cover	Weight	List Price Each
3	15 in.	18 lbs.	$2.90
8	18 in.	31 lbs.	5.00
4	20 in.	31 lbs.	5.00
9	24 in.	49 lbs.	8.00

Frames Only
No. 40374

No.	Outside Diameter of Frame	Weight	List Price Each
3	19 3/8 in.	17 lbs.	$2.75
8	22 1/2 in.	20 lbs.	3.25
4	24 1/2 in.	18 lbs.	2.90
9	28 3/8 in.	23 lbs.	3.75

Electric Meter Box

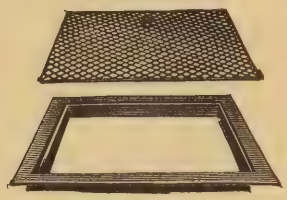
No. 40272



To be placed in foundation walls so that meter may be read without entering building. Box is made of steel, inner door has wooden panel for mounting meter. Knockout holes are provided for wiring. A two-pole, 60 ampere, 250 volt switch of ample capacity for wiring any residence is set in each box. Approved by Good Housekeeping Institute.

Height	Depth	Width	Weight	List Price each
13 1/2	10 1/2	16 1/2	45 lbs.	$15.00

Vault Cover and Frame



No. 40371

No.	Frame	Cover	Weight	List Price
1	15 1/2 x 15 1/2 in.	12x12 in.	30 lbs.	$4.50
2	17 1/2 x 17 1/2 in.	14x14 in.	38 lbs.	5.70
3	19 1/2 x 19 1/2 in.	16x16 in.	49 lbs.	7.35
4	21 1/4 x 21 1/4 in.	18x18 in.	59 lbs.	8.85
5	23 1/4 x 23 1/4 in.	20x20 in.	69 lbs.	10.35
6	28 3/4 x 28 3/4 in.	24x24 in.	89 lbs.	13.35
7	23 1/4 x 28 3/4 in.	20x24 in.	85 lbs.	12.75

Frames Only
No. 40376

No.	Size	Weight	List Price
1	15 1/2 x 15 1/2 in.	14 lbs.	$2.10
2	17 1/2 x 17 1/2 in.	17 lbs.	2.55
3	19 1/2 x 19 1/2 in.	21 lbs.	3.15
4	21 1/4 x 21 1/4 in.	22 lbs.	3.30
5	23 1/4 x 23 1/4 in.	26 lbs.	3.90
6	28 3/4 x 28 3/4 in.	29 lbs.	4.35
7	23 1/4 x 28 3/4 in.	35 lbs.	5.25

Covers Only
No. 40375

No.	Size	Weight	List Price
1	12x12 in.	16 lbs.	$2.40
2	14x14 in.	21 lbs.	3.15
3	16x16 in.	28 lbs.	4.20
4	18x18 in.	37 lbs.	5.55
5	20x20 in.	43 lbs.	6.45
6	24x24 in.	60 lbs.	9.00
7	20x24 in.	50 lbs.	7.50

Package Receiver

No. 41840

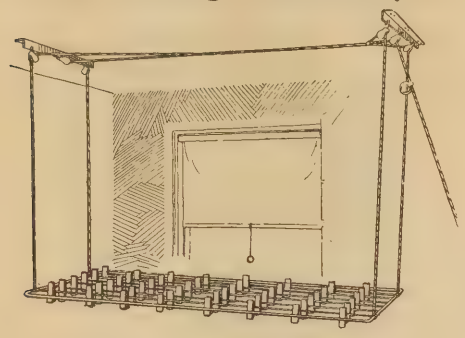
The Package Receiver makes it possible to receive milk, groceries and other parcels without going outside or opening a door of the house.

Two cast iron frames and doors connected by an adjustable steel body are installed in the wall of the kitchen. An arrangement of the burglar proof latch allows the doors to be reversed at the time of installation—either can be installed inside or outside to open either to the right or to the left by simply changing latch from one door to the other.

Both doors can be unlocked from the inside only. The Receiver is inconspicuous, occupies no needed space and gives protection against weather, annoyance, theft and intrusion.

No.	For Wall Thickness	Shipping Wgt.	List Price each
1	5 in. to 8 in.	45 lbs.	$12.50
2	8 in. to 14 in.	49 lbs.	14.00

Indoor Ceiling Clothes Dryers



No. 40342
All Dryers Unconditionally Guaranteed

Absolutely rust-proof; frames are coated with the best lacquer; durable, convenient and easy to operate; 48 patented clip pins of the best quality; 36 feet of drying space in a compact area, assuring a full drying by free air for each garment. Eliminates unsightly clothes lines, and the dryer is always up at the ceiling and out of the way.

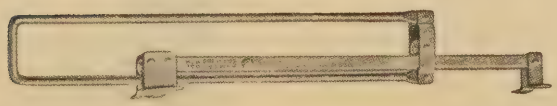
Specify correct size.
54x25 in. 48x25 in. 48x18 in.

No.	Frame Dowel	List Price, each
1	Wood, ⅜ in., round	$ 5.00
2	Wood, ½ in., square	6.00
3	Fibre, ⅜ in., round	11.30
4	Aluminum, ⅜ in., round	7.50
5	⅜ in. Steel, No. 9 galvanized wire without cross wires	5.00
6	⅜ in. Steel, No. 9 galvanized wire with cross wires	5.50

Steel Dryers Furnished—White, blue; green or buff color; special color furnished upon receipt of sample.
White furnished unless otherwise specified.

Garment Hangers

No. 40820

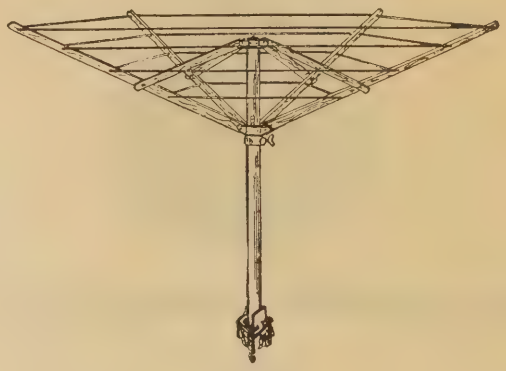


Solves the problem of a practical, sanitary, space-saving wardrobe where garments can be correctly carried. For home or any type of building. Telescoping carriers carry more garments, in a proper condition and avoid all creases and wrinkles. Finished nickel plated and with flush drop.

No.	Length	List Price each
12	12 in.	$0.32
14	14 in.	.38
16	16 in.	.44

FROUP FOUR

Lawn Clothes Dryers



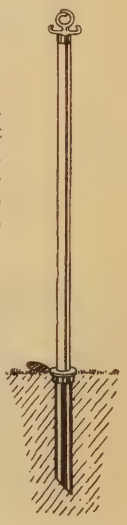
No. 40341
Special

Posts are painted two coats best oil, green. Arms and braces are finished two coats, varnish finish, and both ends of the arms and braces are riveted to keep from splitting.

No.	Cotton Line Furnished	No. Lines	Weight, each	List Price, each
1	103 ft.	4	30 lbs.	$10.00
2	125 ft.	5	33 lbs.	10.50
3	150 ft.	5	36 lbs.	11.50

Removable Steel Clothes Post

No. 40345



These Removable Posts are ornamental when in use, and easily removed by merely lifting out of the socket. The Post consists of one Carbon Steel Tube, 1½ in. in diameter with an ornamental practical Hook at the top. Posts fit into a separate steel socket that may be driven into the ground at any convenient spot. The socket is 24 in. long, and is driven down until the top is level with the ground, so that the lawn mower may be run over it without obstruction. The socket is provided with a hinged cap, to keep out dirt when post is removed. When placed in the socket the post stands 6 feet above the ground level. Posts are painted with high grade green enamel. Sockets are painted black. The complete post and socket weighs approximately 15 lbs.

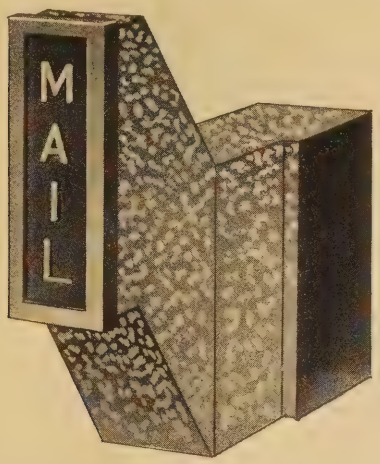
List Price, each $6.50

Send us your specification on any Building product, not illustrated in this catalogue. Our prices and service will merit your continued patronage.

Mail Boxes

No. 40271

All Mail Boxes have telescoping feature which permits adjustment to various wall thicknesses.



This style is especially designed for homes with limited space, cross or partition walls. Very desirable for duplex or double houses.

The extension is adjustable to various thicknesses and may be set to open, either right or left hand side.

For frame or brick walls. Can be furnished with a handsome cast bronze or cast aluminum face plate nicely polished.

No.	Size 3½ in. wide, 15 in. deep, 15 in. high	
1130	With Bronze Face plate. List Price, each....	$8.50
2130	With Bronze Face plate with push button and card holder. List Price each.....	10.50
3130	With Aluminum Face plate. List Price, each..	7.50
4130	With Aluminum Face plate with push button and card holder. List Price each.....	9.50

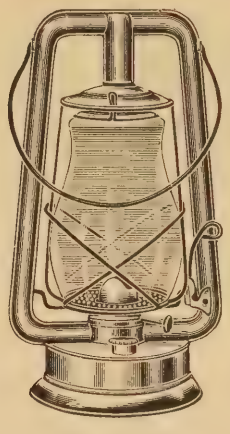
All Mail Boxes are furnished with hardwood door veneered natural wood. Finish with brass hardware—ball joint catch.

Nos. 101-106 Nos. 107-110

No.	Face Plate	List Price Each
101	Cast Bronze for frame or stucco.....	$8.50
102	Cast Bronze for brick or brick veneer.....	8.50
103	Wrought Brass for frame or stucco.....	6.50
104	Wrought Brass for brick or brick veneer.....	6.50
105	Cast Aluminum for frame or stucco.....	7.50
106	Cast Aluminum for brick or brick veneer..... Size 7½ in. wide, 16 in. high, 3½ in. deep.	7.50
107	Cast Bronze for frame or stucco.....	4.90
108	Cast Bronze for brick or brick veneer.....	5.40
109	Polished Cast Bronze for frame or stucco.....	5.40
110	Polished Cast Bronze for brick or brick veneer..	5.90

Cast Aluminum Face plates at same prices, Size 8½ in. wide, 18 in. high, 3½ in. deep.

Lanterns



No.41500

The strongest, most durable and convenient hot blast lantern, has positive secured locking globe lift, safety locked-in burner, dome shaped solderless oil fount, with large brass oil filler, stamped tubes.

This lantern will burn longer, wear longer and light quicker than any other hot blast lantern. No. 0 globes, No. 1 burner, ⅝ in. wicks. Burns 30 hours.

No.		Weight per dozen	List Price per dozen
210	With Clear Globes.....	28 lbs.	$16.00
211	With Ruby Globes	28 lbs.	20.00

One Dozen in a Case.

Lantern Globes

For 0 Tubular, Fitsall, Regal, Cold Blast, Blizzard, No. 2 Defiance, No. 180 Leader, No. 210 Supreme.

No. 41501

No.		Weight per package		
0	Clear	10 lbs.	List Price, per dozen..... 1 Dozen in Package.	$2.70
		55 lbs.	List Price, per dozen..... 5 Dozen in Package.	2.40
0	Ruby	10 lbs.	List Price, per dozen..... 1 Dozen in Package.	6.00
		55 lbs.	List Price, per dozen..... 5 Dozen in Package.	5.60

Wicks

Lanterns

No. 41502
Woven Cotton

No.		
0	List Price per dozen.....	$0.20

WHEEL GUARDS

No. 42336

Extreme Height ..... 23½ in.
Height of Curved Part ..... 15 in.
Width at Top ..... 9 in.
Width at Bottom ..... 9⅛ in.
Extension (Distance from back of Guard to outermost point of curved part, at extreme bottom) 6⅜ in.
Weight ..... 39½ lbs.
List Price, each **$8.70**

No. 42334

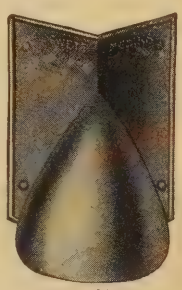
Extreme Height ..... 14¼ in.
Width at Bottom ..... 5⅝ in.
Extension (Distance from back of Guard to outermost point of curved part, at extreme bottom) ... 6⅛ in.
Weight ..... 17 lbs.
List Price, each **$5.50**
Note—Can be furnished with or without the steel pin cast in the toe of the guard.

No. 42337

Extreme Height ..... 24 in.
Height of Curved Part ..... 14⅝ in.
Width of Each Leg or angle ..... 6⅜ in.
Extension (Distance from point of angle to outermost point of curved part, at extreme bottom) 4⅛ in.
Weight ..... 46 lbs.
List Price, each **$8.30**

Prevents Cars and Trucks from Striking Doorway

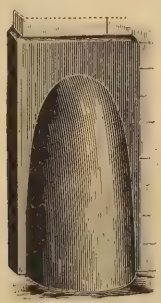
Total Height ..... 18 in.
Width Inside ..... 8½ in.
Height Bumper ..... 12 in.
Bumper projects ..... 7 in.
Weight Each ..... 55 lbs.
List Price Each **$14.00**



No. 42332

No. 42335

Extreme Height ..... 20¾ in.
Height of Curved Part ..... 16 in.
Width at Top ..... 10 in.
Width at Bottom ..... 10 in.
Extension (Distance from back of Guard to outermost point of curved part, at extreme bottom) 5⅛ in.
Weight ..... 48 lbs.
List Price, each **$8.70**



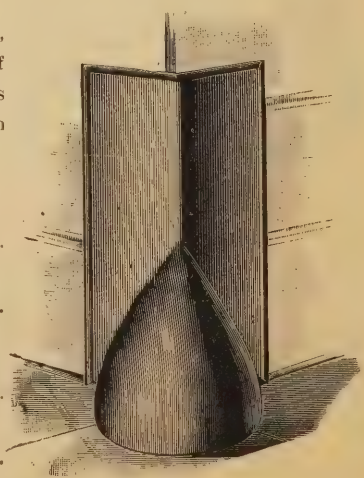
No. 42333

Height 30 in. For Wall 12 in. List Price Each **$19.25**

Made of Cast Iron, for use on corners of Drive-ways. Prevents Trucks or Cars from striking doorway.

No. 3.
34 in. High 8x8 inside.
Weight, 85 lbs.
List price, each, **$16.50.**

No. 4.
34 in. High 10x10 inside.
Weight, 110 lbs.
List price, each **$19.25.**



No. 42331

Pressed Steel Drag Scrapers

No. 40435

The bowls are pressed from heavy high carbon steel plates, specially rolled. Seamless throughout, they offer no resistance to earth entering or leaving.

Corners, sides and back are rounded to allow earth to slide quickly.

Sides are high, and on line with back, preventing earth from spilling on haul, and providing smooth runway, and avoiding unnecessary wear at any one point when returning from dump.

Flanges around top edges of bowl stiffen and reinforce the bowl, assuring much longer service.

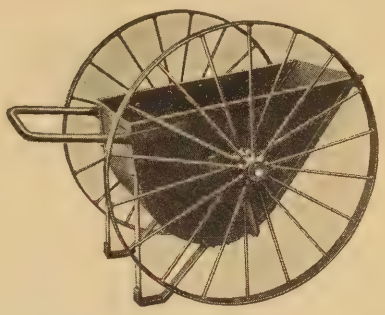
Bails are made of steel, fitted with forged steel swivels. Hooks and sockets of heavy steel, firmly riveted.

Runners of hardened steel, fastened to bowl with countersunk rivets.

Handles of high grade hardwood, tapered to fit sockets snugly.

Type	Capacity cu. ft.	Approx. weight each with runners	List Price each
Standard No. 1	7	100 lbs.	**$16.00**
Standard No. 2	5	90 lbs.	**14.00**

Concrete Carts



No. 40315

These concrete carts are perfectly balanced, and roll easily being fitted with round cold rolled steel rollers.

Bodies are correctly designed with round bottoms, so as to dump readily. Bodies flanged, riveted, and will not open at seams.

Top edges of bodies flanged over 1¼ x ¼ in. steel bars; fronts over 2 x ¼ in. steel bars for additional reinforcement.

Handles of 1 in. black steel pipe bolted firmly to bodies.

Legs of 1¾ x $\frac{5}{16}$ in. steel bars, with riveted shoes for long wear, and are bolted to bodies but can be readily removed when not required.

Axles, of special high carbon steel, will not break or bend.

Wheels, extra heavy, with spokes set staggered and cast solid in hubs, are of various diameters with long bearing hubs and wide tires. Wheel hubs, fitted with roller bearings and Alemite Grease Cups.

Carts painted black all over.

No.	4	7
Heaped	7¾ cu. ft.	7¾ cu. ft.
Evenfull	6¾ cu. ft.	6¾ cu. ft.
Steel Body	14 ga.	14 ga.
Overall Length	53 in.	53 in.
Overall Width	36 in.	38½ in.
Overall Height	33 in.	42 in.
Inside Length Body	37 in.	37 in.
Inside Width Body	21 in.	21 in.
Inside Depth Body	21½ in.	21½ in.
Weight Each	180 lbs.	235 lbs.
List Price, each	**$46.00**	**$50.00**

Hardware Cloth

No. 40350

A square mesh cloth galvanized after weaving.

Regular rolls, 100 lineal feet each. 50-foot rolls also furnished. Widths, 12 inches to 72 inches.

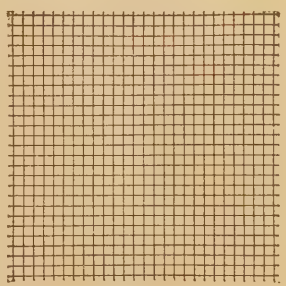
Mesh	Size Wire	Decimal Opening	List Price per 100 Sq. Ft.
2 x2	19	.459	**$6.00**
2½x2½	20	.365	**6.25**
3 x3	21	.301	**6.50**
4 x4	23	.225	**7.00**
5 x5	24	.177	**7.25**
6 x6	25	.147	**7.50**
7 x7	26	.125	**8.00**
8 x8	27	.108	**9.50**

Screen Wire Cloth

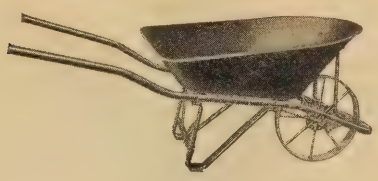
Black No. 40351 **Painted No. 40352**
Galvanized No. 40353
Copper No. 40354 **Bronze No. 40355**

Made of selected steel wire of standard size. Stock grades in rolls of 100 lineal feet; in widths running by 2 inch steps from 18 in. to 48 in. inclusive. All rolls wrapped in heavy paper with labels specifying width, mesh and finish. The standard meshes on Screen Cloths are 12-14-16-18, and can be supplied in the following finishes:

Descriptive literature and prices on application.



Contractors Barrows



No. 40232

Types M-5 and M-9

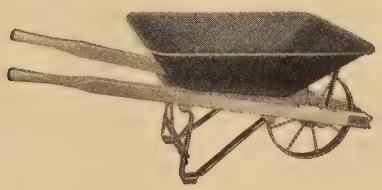
The Trays are pressed from special sheets of high carbon content and will outlast any Trays made of soft steel sheets. Rounded fronts permit the contents to be poured readily. They are one to two gauges heavier than are generally used in concrete trays and are reinforced around the edges with steel rods.

The deepest pressed Trays manufactured for handling semi-materials. Pressed from gauge Nos. 15 and 14 steel sheets.

Tubular frames, riveted channel legs with shoes.

	Type M-5	Type M-9
Capacity Heaped	4 cu. ft.	5 cu. ft.
Capacity Even Full	3 cu. ft.	4 cu. ft.
Gauge Tray	15	14
Diam. of Wheel	16 in.	16 in.
Wheel Tires	1¾ x 5/16 in.	2 x ⅜ in.
Overall Length	65 in.	68 in.
Overall Width	27¼ in.	27¼ in.
Overall Height, Front	25½ in.	27 in.
Approximate Weight, each	76 lbs.	84 lbs.
List Price, each	**$15.00**	**$16.00**

Barrows for General Use



No. 40232
Type K

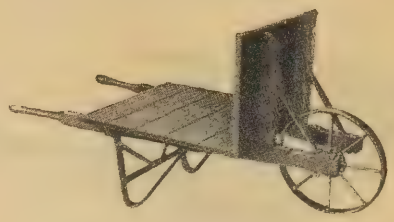
The barrows will meet every requirement for general use.

SPECIAL FEATURES—Hardwood handles, with square front channel wheelguards. Heavy steel channel legs securely riveted, fitted with steel shoes. Malleable brackets. Steel wheels. Pressed Trays with wired edges.

Fitted with lock washers. Handles varnished with metal parts painted black.

	Type K-5X
Capacity Heaped	4 cu. ft.
Gauge Tray	16
Diam. of Wheel	16 in.
Wheel Tires	1¾ x 5/16 in.
Overall Length	61 in.
Overall Width	28½ in.
Overall Height	23 in.
Approximate Weight	64 lbs.
List Price, each	**$14.00**

Brick and Tile Barrow



No. 40231
A High Grade Barrow at a Moderate Price

Designed especially for brick, concrete building blocks, and hollow tile.

Handles, dash and bottom of well seasoned hardwood, smoothly finished.

Dash supported in front with heavy steel braces, firmly bolted.

Riveted legs of steel channel fitted with special shoes. Brackets made of malleable iron, tapped to receive threaded axles, which insures long service.

Bed Length	27½ in.
Bed Width	24 in.
Dash Height	16¼ in.
Dash Width	24 in.
Diameter of Wheel	16 in.
Wheel Tires	1¾ x 5/16 in.
Overall Length	60½ in.
Overall Width	25½ in.
Overall Height	27½ in.
Approximate Weight	65 lbs.
List Price, each	**$14.00**

Stone Barrow

No. 40230

Built substantially for rough work.

Handles, dash and bottom of well seasoned hardwood, smoothly surfaced. Bottom reinforced with steel strips and dash supported in front with extra heavy steel braces.

Riveted legs of steel channel and fitted with special shoes. Metal brackets of improved design.

Bed Length	26 in.
Bed Width	24 in.
Dash Height	10 in.
Dash Width	24 in.
Diameter of Wheel	16 in.
Wheel Tires	2 x ⅜ in.
Overall Length	60 in.
Overall Width	24 in.
Overall Height	21½ in.
Approximate Weight	72 lbs.
List Price, each	**$10.45**

Contractors Barrows

No. 40232

Types M-20, M-25 and M-30
with narrow fronts

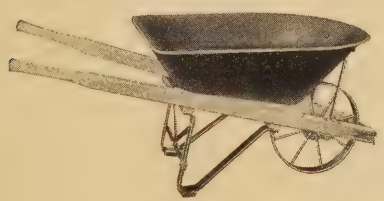
Contractors often select these barrows for handling concrete.

Rear and sides of trays are nearly vertical with the front narrowed down for pouring.

Sometimes designated as measuring trays. Trays are riveted.

	Type M-20	Type M-25	Type M-30
Capacity Even Full	2 cu. ft.	2½ cu. ft.	3 cu. ft.
Gauge Tray	16	16	16
Diam. of Wheel	16 in.	16 in.	16 in.
Wheel Tires	1¾ x 5/16 in.	1¾ x 5/16 in.	1¾ x 5/16 in.
Overall Length	62 in.	62 in.	62 in.
Overall Width	24 in.	24 in.	24 in.
Overall Height	22 in.	23 in.	24 in.
Approximate Weight	65 lbs.	67 lbs.	72 lbs.
List Price, each	**$13.30**	**$14.00**	**$14.70**

Contractors Barrows



No. 40232

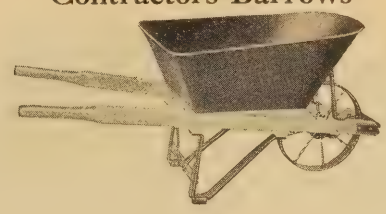
Types M-4 and M-8
For Wet Materials—with round fronts

The Trays are pressed from special sheets of high carbon content and will outlast any Trays made of soft steel sheets. Rounded fronts permit the contents to be poured readily. They are one to two gauges heavier than are generally used in concrete trays and are reinforced around the edges with steel rods.

SPECIAL FEATURES—Hardwood handles, with square wheelguards from heavy channel. Heavy steel channel legs, securely riveted, with full bearing surface on handles, fitted with special steel shoes. Superior type steel wheels, and malleable iron Brackets tapped to receive threaded axles free from cotter pins and nuts. Barrows fabricated with lock washers. Handles varnished with metal parts painted black.

	Type M-4	Type M-8
Capacity Heaped	4 cu. ft.	5 cu. ft.
Capacity Even Full	3 cu. ft.	4 cu. ft.
Gauge Tray	15	14
Diam. of Wheel	16 in.	16 in.
Wheel Tires	1¾ x 5/16 in.	2 x ⅜ in.
Overall Length	62 in.	62 in.
Overall Width	27¼ in.	27¼ in.
Overall Height	25½ in.	27½ in.
Approximate Weight, each	71 lbs.	77 lbs.
List Price, each	**$11.30**	**$12.30**

Contractors Barrows



No. 40232
Type M-11
With round Fronts

This barrow is designed for use where narrow trays of large capacity are required.

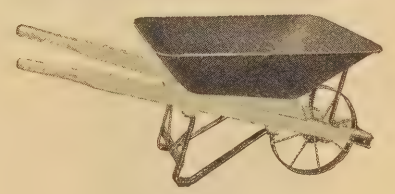
Due to the straight sided construction and the increased depth in the back, many contractors prefer this type.

SPECIAL FEATURES—Riveted trays with wire edges, riveted channel legs with special shoes, channel wheelguards with square fronts, and hardwood handles varnished.

Trays and metal parts are painted black.

	Type M-11
Capacity Heaped	5 cu. ft.
Capacity Even Full	4 cu. ft.
Gauge Tray	16
Diam. of Wheel	16 in.
Wheel Tires	2 x ⅜ in.
Overall Length	61½ in.
Overall Width	25 in.
Overall Height	29 in.
Approximate Weight	75 lbs.
List Price, each	**$14.10**

Contractors Barrows



No. 40232

Types M-3 and M-7
For Dry Materials—with square fronts

Pressed trays of hard steel, strengthened with wire edges.

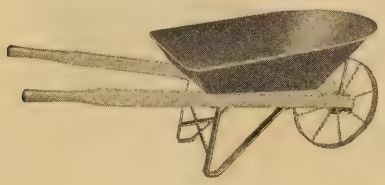
SPECIAL FEATURES—Hardwood handles with square channel wheelguards, riveted steel channel legs with special steel shoes. Malleable iron brackets tapped to receive threaded axles free from cotter pins and nuts.

Barrows fabricated with lock washers.

Metal parts painted black with wood parts varnished.

	Type M-3	Type M-7
Capacity Heaped	3½ cu. ft.	4 cu. ft.
Capacity Even Full	2 cu. ft.	2½ cu. ft.
Gauge Tray	15	15
Diam. of Wheel	16 in.	16 in.
Wheel Tires	1¾ x 5/16 in.	1¾ x 5/16 in.
Overall Length	61 in.	61 in.
Overall Width	26½ in.	27 in.
Overall Height	23 in.	23 in.
Approximate Weight	65 lbs.	68 lbs.
List Price, each	**$10.25**	**$10.25**

Middy Barrows



No. 40234

Excellent for farm, home and garden use.

Easily set up, these barrows are attractive in appearance.

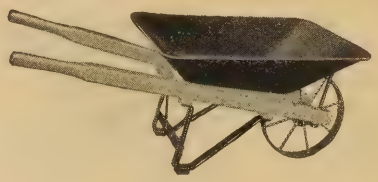
Pressed Trays of a heavier gauge than used on similar types. The only general utility barrows on the market with round front pressed trays with reinforced edges.

Hardwood handles smoothly finished on all sides. Riveted steel legs, with steel wheels and malleable iron brackets tapped to receive threaded axles.

Trays, Wheels and Legs are painted black. Handles are varnished light oak color.

Type	Capacity cu. ft.	Approx. weight lbs.	List Price each
Middy	3	44	**$6.50**

Barrows for General Use



No. 40232

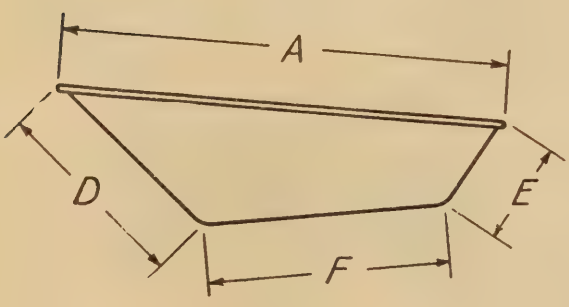
Types J-1 and J-S

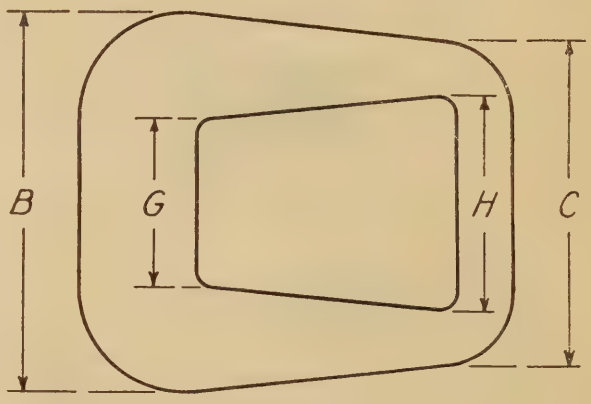
Carefully designed for general utility work.

Tray and parts same as Type K Barrows, except that the Handles are short and are without wheel guards.

Handles are varnished with metal parts painted black.

	Type J-1	Type J-S
Capacity Heaped	3 cu. ft.	4 cu. ft.
Gauge Tray	16	16
Diam. of Wheel	16 in.	16 in.
Wheel Tires	1¾ x 5/16 in.	1¾ x 5/16 in.
Overall Length	59 in.	60 in.
Overall Width	28 in.	28½ in.
Overall Height	21 in.	22½ in.
Approximate Weight	58 lbs.	62 lbs.
List Price, each	**$10.00**	**$11.00**



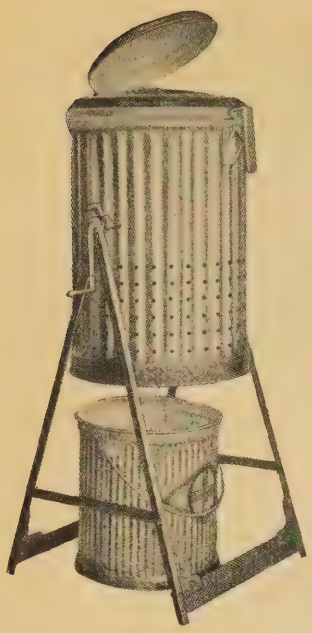


SIZE OF WHEELBARROW TRAYS

Trays	Length inches A	Width Front inches B	Width Rear inches C	Front Slant inches D	Rear Slant inches E	Length of Bottom inches F	Width of Bottom Front inches G	Width of Bottom Rear inches H	Capacity Heaped cu. ft.	Gauge	Weight Tray each pounds
J-1	33	28¾	28¾	12½	6½	18	14	17½	3	16	21
JS-K-5X	36	28¼	28¼	14½	7½	19	13½	16	4	16	25
Middy	33½	26	26	14½	6	18	15	18	3	16	20
M-3	32½	27	26	14	6½	18	14½	17½	3½	15	26
M-4-5	37½	27¼	27¼	17	9	19½	14	17½	4	15	27
M-7	33¾	26½	25	14	7½	18½	15	16½	4	15	27
M-8-9	38½	27¼	27¼	18¼	9	20	14	17	5	14	30
M-11	38	25	24	20	9½	20	18	18	5	16	32
M-20	34	16	22	14	7½	19¼	14	18½	2	16	23
M-25	32	19	23	15	9	19	14¼	18	2½	16	26
M-30	36	20	24	17½	11	19¼	13½	18	3	16	28

Lawco Incinerator

No. 40865



The body is constructed of heavy corrugated Steel, galvanized after fabrication. This Drum will hold about two bushels of garbage and trash. The top and bottom are made of perforated metal, which allows sufficient draft to make complete combustion of the contents. The bottom is rigid and both upper covers are hinged. The small cover on top is solid—that is, not perforated. This keeps rain, snow, and moisture out and the contents dry and odorless, until ready to burn. The side pivotal devices are made of malleable castings riveted to the sides of the drum. The stand is made of heavy angle iron.

To get best results, all kinds of rubbish should be put in the drum. The garbage should be drained in the kitchen sink and then spread out among the paper and other trash.

Keep the center top cover closed when not in use so as to keep the contents dry and odorless, as stated above. When drum is full and contents are to be burned, see that the top perforated cover is fastened tight. Then, light the contents through one of the holes in the bottom. Open up the center top cover so that a complete draft will be furnished. Unless the contents are damp or too tightly packed, they will burn rapidly and with a fierce heat, consuming every particle of the contents except things such as cans, broken china, etc. If, for any reason, the contents do not burn rapidly, turn the drum back and forth a couple of times with the crank and complete ignition will take place rapidly.

Few communities have satisfactory regular collections of accumulated garbage and rubbish. As a result, even in the best of homes piles of litter and rubbish accumulate inside and outside.

All such accumulations are dangerous to health and property. Health and Fire prevention offices can cite instance after instance where the health of the neighborhood has been endangered by rubbish accumulations and where disasterous fires have resulted. Scores of house owners are looking for a low priced, effective, satisfactory Out-door Incinerator. The Lawco fills the bill. There is nothing like it made today.

If you use a Lawco Incinerator, the premises will be neater. There will be a lessened danger of fire. It will remove all danger to health or property. The rubbish can be burned every day or whenever it is your leisure to do so.

Rotating drum, allows contents to be shifted and aids combustion, allows contents to be emptied easily.

Only Out-door Incinerator which can be emptied with a slight movement of the crank. No lifting of heavy, dirty can is necessary. The Lawco Incinerator can be emptied with one turn and all ashes, cans, and residue dumped into the lower receptacle in the length of time it takes to tell about it.

Absolutely complete combustion,—minimum of smoke and odors,—no flying burning embers, even in the windiest weather. It does its work without the slightest danger to surrounding property.

Parts easily replaced, no complicated mechanism.

All parts can be collapsed and stored in the center drum for shipping.

Rain and weather proof.

SPECIFICATIONS

Size of drum	18 x 25 in.
Height of bottom of drum from ground when Incinerator is assembled ready for use	40 in.
Weight packed for shipment	50 lbs.
List Price, each	**$20.00**

Garbage Receiver

No. 41825

Regulation size Garbage Receiver for 12 in. wall. Will accommodate standard Garbage can 9 in. in diameter. Body and frame made of strong metal securely welded together. Doors made of pressed steel, 14x14 in., and will swing either to the right or left as desired when installing. Has a steel spring snap friction catch, and a nickel-plated knob. The whole receiver is painted black.

List Price, each **$2.75**

Underground Garbage Receiver

No. 41826

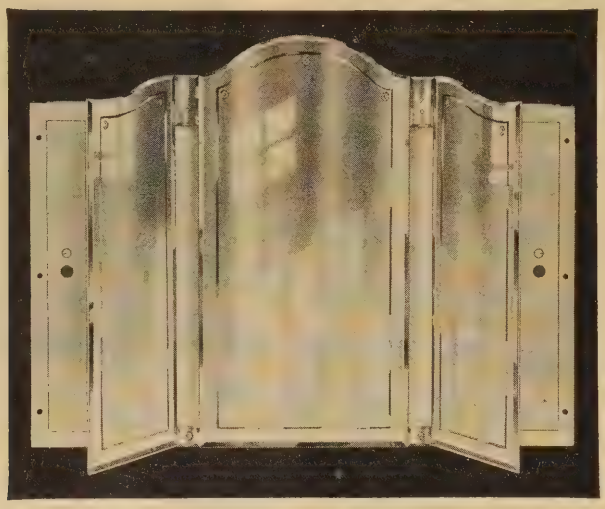
The In-The-Ground Garbage Receiver is made in three sections. A copper steel rust-resisting outer casing, or shell, with its attached cast iron lid and the galvanized iron pail which fits inside. A slight downward pressure of the foot upon a handy foot trip raises the lid and by removing the foot the lid closes.

The inside can is made of 24 gauge galvanized copper bearing sheet steel. Bail or handle of $\frac{5}{16}$-in. steel rod. The can is double seamed and hand soldered.

SIZES AND DIMENSIONS

Can Capacity Gal.	Shell Diam.	Shell Depth	Top Diam.	Shipping Weight Lbs.	List Price Each
8	16 in.	14 in.	16 ¾ in.	34	**$13.20**
12	16 in.	20 ½ in.	16 ¾ in.	39	**14.40**
15	16 in.	25 in.	16 ¾ in.	42	**15.20**
20	19 ¼ in.	25 in.	20 ½ in.	56	**19.60**

LAWCO MIRROR-LITE



No. 40312

Model "A"

View showing side Cabinets with doors open. Note 4 shelves in different positions (which can be adjusted). Wing mirror at 90 degrees angle. This gives greatest concentration of light.

The Lawco Model A Mirror-Lite brings together a combination of important and necessary bathroom accessories into a beautiful, graceful, dignified article of furniture, as it may be termed. It consists of an indirect lighting device (which is patented), a set of movable vanity mirrors on the sides, and two individual side Cabinets for use by more than one individual who can keep their own effects separate.

The details of construction, the beauty of appearance and dignity make this combination fit to go in the "Baths of Royalty".

The indirect lighting device is the only one of its kind which has yet been offered for your consideration. When turned on, it throws a complete flood of light over every part of the body which is reflected in the center or side mirrors. This light is furnished by four standard electric bulbs hidden behind the center mirror. The main reflection is furnished by a mirror which is incorporated on the back of the center mirror.

There are no shadows under the chin, on top of the head, behind the ears, on the shoulders—anywhere. There is no glare in the eyes. The diffusion is complete. It also furnishes a subdued lighting for the balance of the bathroom. In some cases, owners feel that no other lighting fixture is necessary —depending, of course, upon the size of the room.

The center mirror is easily removed by lifting up and out. It hangs on four sturdy steel pins.

The side wings enhance the power of the center light by concentrating this at one particular point, according to the angle.

The side Cabinets are a distinctly new idea. Each one is operated separately, has a separate door which may be locked with a Yale lock furnished. This enables more than one person in the family to have a separate Cabinet of his own. The capacity of these Cabinets together is greater than that of ordinary standard center Cabinets. The doors are light in weight yet extremely sturdy, which combination makes an easy operation. These Cabinets, if necessary, can be used for poison cases. Please note that there are numerous adjustments for the shelves of which four are furnished as standard equipment in each Cabinet. In addition to the locking device, there is the standard Lawco snap catch which holds the door in position when not locked.

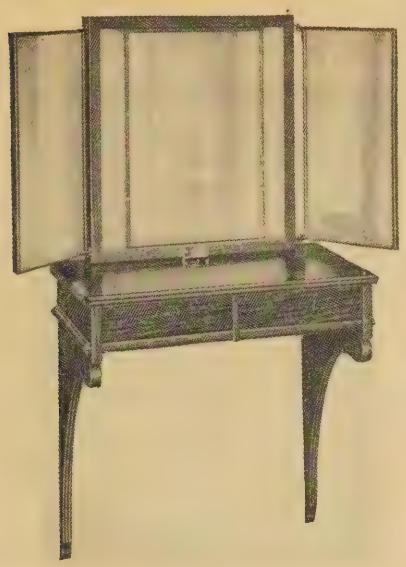
The Cabinet is wired complete with approved wiring devices. The outlet is in the back, ready to attach to wires in the wall. The lighting is operated by a wall switch, as a switch on the face of this combination would mar its beauty.

The standard finish of the Model A Mirror-Lite is white. Colors will be furnished at a slight additional cost and will be made according to specifications. Color panels of the surrounding tile and other color combinations should be furnished with order.

Size of center mirror	15 in. wide x 30 in. high
Size of side wing mirrors	10 in. wide x 27 in. high
Outside dimensions of outer flange	39 in. wide x 25 in. high
Height of center portion behind center mirror	27 in.
Wall opening	36½ in. wide x 23¾ in. deep
Depth of return flanges	1¼ in.
Size of side Cabinets	7 in. wide x 22 in. high x 4½ in. deep
Shipping weight	165 lbs.
List price, each	**$125.00**

Packing—one to individual box.

"Lawco" Vanite—Mirror-Lite



No. 40313

With Dressing Stand

Patents Pending

The Lawco Vanite, with dressing stand, contains many exclusive features. Two 25-watt electric globes placed behind the center mirror reflect their light by means of another mirror on the back of the center mirror through the slots at the sides. No shadows are thrown anywhere on the person in front of the mirror. A diffused light spreads all over the face, shoulders, chin, top of the head, and everywhere else. There is no glare. Perfect vision can be had under the chin, behind the ears, on top of the head, on the neck, shoulders and back of the head. This vision is enhanced greatly by the adjustment of the side wing mirrors.

The center mirror is removable. The lights are easily cleaned or replaced.

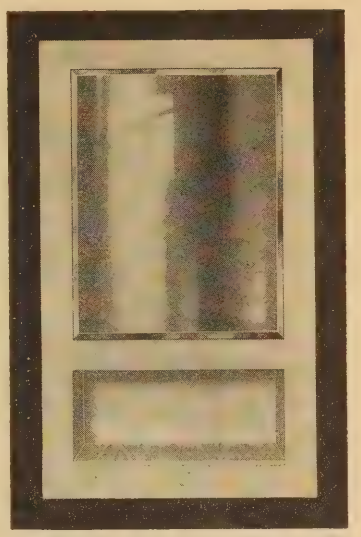
The Mirror-Lite Combination with the side wings is fastened on to the wall separately from the dressing stand. No cutting of walls or recessing in plaster is necessary, yet the whole fixture gives the appearance of having been "built in." The table is beautifully finished in natural walnut or other wood, according to the desire of the buyer. The Mirror-Lite frame is finished to match the stand. The Mirror-Lite and stand are packed in separate wooden cases.

Outside dimensions of Mirror-Lite frame	18x20x2½ inches
Size of center mirror	11¾x17¾ inches
Size or side wing mirrors	8½x17¾ inches
Dimensions of dressing stand top	24x13¾ inches
Height of dressing stand from bottom of support	24½ inches
Shipping weight of Mirror-Lite	40 lbs.
Shipping weight of dressing stand	20 lbs.
List price, each, of Mirror-Lite	**$40.00**
List price, each, of dressing stand	**25.00**
List price, each, complete	**65.00**

Lawco Wall Cabinet

Combination Mirror and Recessed Shelf

This combination is a quality product, ideal for Commercial Hotel Baths and Lavatories where cabinets are not necessary. The shelf is covered with plate glass; the finish is the standard Lawco Baked Enamel. It is fastened to the wall with two screws through the outer flange.

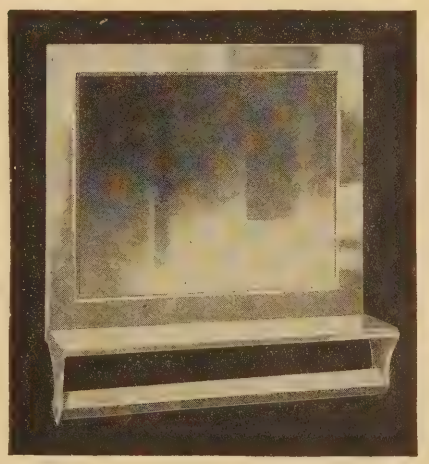


No. 40310

	No. 525
Mirror, Beveled or Plain	14x18 in.
Outside Dimensions of Flanges	17¼x29¼ in.
Depth of Flanges	1 in.
Wall Opening for Shelf	6½x13¾x4½ in.
Shipping Weight	30 lbs.
List Price, each, Plain Mirror	$9.00
List Price, each, Beveled Mirror	10.00

Packed in individual wood boxes.

Lawco Combination Mirror, Shelf and Towel Bar (Patented)



No. 40310

No. 1

A product which has been developed for use in small hotels and apartments. It is a combination of attractive appearance, quality and price.

Mirror—Plate glass, ¼-inch thick, best quality. Size, 13¼x15½ inches. Plain.
Shelf—White opal glass, 5x18x⅛ inches.
Mirror Flange—1⅝ inches wide, ⅞ inches deep.
Towel Bar—20 gauge Steel with three coats White Enamel.
Over All Dimensions—20 inches high, 18⅛ inches wide, 6 inches deep from front edge of shelf to back of Mirror Flange.
Packed—One to a carton.
Shipping Weight—16 pounds.
List Price, each—$7.00.
NOTE—Black Opal glass shelf and Black Towel Bar is also standard equipment. The combination is termed our No. 2.

LAWCO WALL CABINETS

No. 40310

Ideal for use in kitchens, linen closets, lavatories, barber shops, beauty parlors, Red Cross rooms and elsewhere.

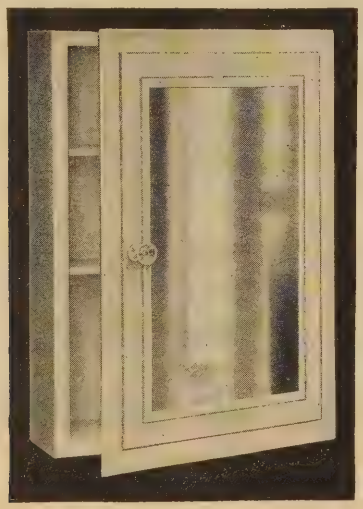
No. 5

"A wonderful cabinet—for above the kitchen sink."

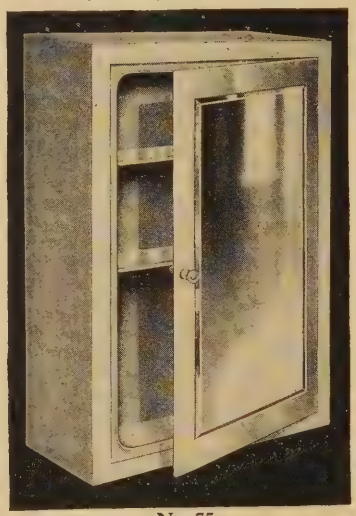
Dimensions—18x13¼x4¾ inches.
Packed 4 to Crate.
Weight—12 lbs.
List Price, each—$2.30.

No. 9

Mirror—8x13 inches. Removable.
Shelves—One stationary metal shelf.
Outside Dimensions—4¾x13¼x18¼ inches.
Knob—Porcelain.
Packed—4 of one color to crate.
Shipping Weight, Packed—13 lbs. each.
List Price, each—$2.50.



	11	12	14	15
Mirror, removable.	Plain 9x14 in.	Beveled 9x14 in.	Plain 10¾x15¾ in.	Beveled 10¾x15¾ in.
Shelves	2 metal	2 glass	2 metal	2 glass
Latch	Adj. Spring Catch		Bullet Catch	
Hinges	Two invisible		Two invisible	
Out dimensions	4¾x13¼x18¼ in.		6¼x15x20 in.	
Door dimensions.	13¼x18¼ in.		15x20 in.	
Knob	Glass		Glass	
Ship. wt., packed.	17 lbs.	18 lbs.	20 lbs.	21 lbs.
List price, each...	$5.00	$6.00	$7.00	$8.00



No. 75

A wall cabinet of the highest quality and refinement.

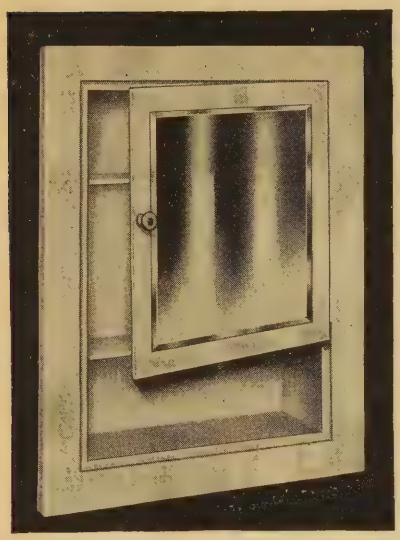
Mirrors—Plain or beveled glass, best quality, ¼ inch thick.

Size, 11 x 16 inches. Mirror removable.
Shelves—Two, ¼-inch bulb edge glass. Size, 4½x16 inches.
Latch—Glass knob operating inside, brass spring catch.
Hinges—New style invisible.
Outside Dimensions—16¼x21¼x5½ inches.
Door Dimensions—13⅞x19 inches.
Fits flush with face of cabinet.
Packed—One to reshipping carton.
Shipping Weight—28 pounds.
List Price, each—$12.00. Beveled mirror.
List Price, each—$11.00. Plain mirror.
Note—When ordering, please specify whether Plain or Beveled mirrors are wanted.

Furnished in ROSE, NILE GREEN, BABY BLUE, LAVENDER, CANARY and WHITE to harmonize with any color schemes. If no definite colors are shown on orders for these cabinets white will be furnished.

LAWCO INSERT CABINETS

No. 40311



These Lawco Cabinets were especially designed for small apartments and hotels where lower open shelves are necessary and price the first consideration. They have ¼-inch beveled mirrors, two adjustable bulb edge glass shelves, hexagon glass knobs and concealed brass plunger catches. All doors fit flush with Cabinet faces.

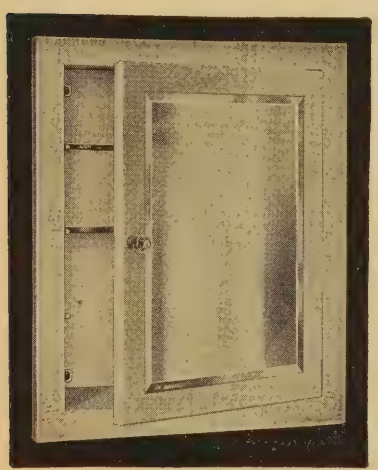
A group of popular size Cabinets carefully constructed and priced very low. They have high-grade ¼-inch thick beveled mirrors and each cabinet has two bulb edge glass shelves which may be adjusted to suit. They have hexagon glass knobs with inside brass plunger catches. All doors fit flush with Cabinet faces.

	No. 155	No. 650
Mirrors	11x13½ in.	14x14 in.
Outside dimensions of flanges	19½x23½ in.	20⅝x26⅝ in.
Depth of flanges	1¼ in.	1¼ in.
Wall openings	16x20½x3½ in.	17x24x3½ in.
Shipping weight	40 lbs.	45 lbs.
List price, each	$10.50	$14.00

Packed in individual wood boxes.

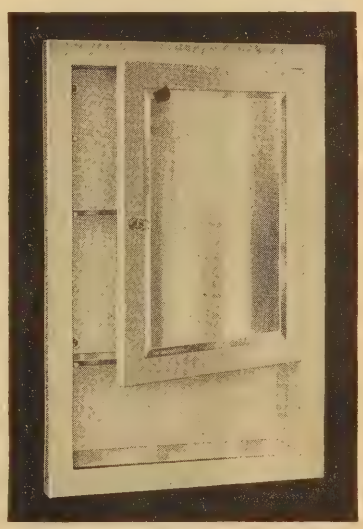
	No. 100	No. 175	No. 210	No. 600
Mirrors	10x14 in.	12x16 in.	14x18 in.	14x20 in.
Outside dim. of flanges	17¾x22¾ in.	19½x23½ in.	19½x23½ in.	20⅝x26⅝ in.
Depth of flanges.	1¼ in.	1¼ in.	1¼ in.	1¼ in.
Wall openings	13¼x19¼x3⅜in.	16x20x3½ in.	16x20½x3½ in.	17x24x3½ in.
Shipping wt.	33 lbs.	40 lbs.	45 lbs.	52 lbs.
List price, ea.	$9.50	$11.00	$12.50	$14.50

Packed in individual wood boxes.



This Lawco Cabinet might well be termed a junior De Luxe Model. It is a combination of features contained in the higher grade cabinets, with those in the more competitive lines. The result is a quality cabinet for installation in smaller homes at very attractive price. It has a heavy double door, concealed hinges and door stop, glass knob, beveled mirror and two glass shelves.

Here again the Lawco organization has produced special values to meet a particular demand. These Lawco Cabinets are large Cabinets of massive appearance with many features of the De Luxe line, but so built that they can be sold at an extremely attractive price. The mirrors are beveled. There are two adjustable glass shelves and a plate glass covering for the exposed shelves. The knobs are glass; the hinges are concealed, the heavy double doors are held by a door stop incorporated right in the hinges.



	No. 310
Mirror	12x16 in.
Outside dimensions of flanges	16⅝x20⅝ in.
Depth of flange	1⅝ in.
Inside dimensions	13⅝x17⅝x4⅞ in.
Depth of body back of flange	3⅛ in.
Wall opening	13⅞x17⅞ in.
Shipping weight	37 lbs.
List price, each	$11.50

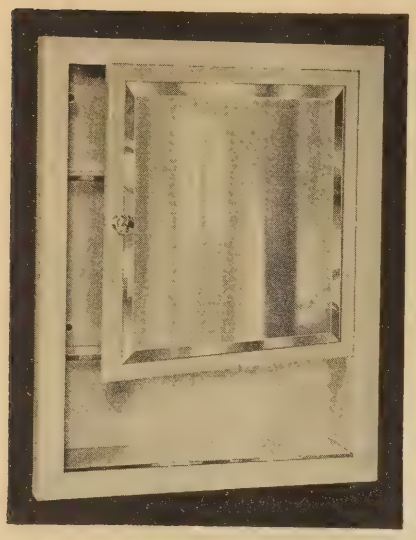
Packed in individual wood boxes.

	No. 560	No. 565
Mirror	12x16 in.	14x18 in.
Outside dimensions of flanges	17¾x27¾ in.	19¾x29¾ in.
Depth of flanges	1¼ in.	1¼ in.
Inside dimensions	14¾x24¾x4½ in.	16¾x26¾x4½ in.
Depth of body back of flange	3⅛ in.	3⅛ in.
Inside dimensions of exposed shelf	6⅛x14¾x4½ in.	6⅛x16¾x4½ in.
Wall opening	15x25x3¼ in.	17x27x3¼ in.
Shipping weight	40 lbs.	50 lbs.
List price, each	$13.00	$16.00

Packed in individual boxes.

LAWCO INSERT CABINETS

No. 40311



DE LUXE MODEL

Lawco De Luxe Cabinets represent the realization of refinement and massive construction in fine Cabinet making. Look at these details—beveled mirrors of guaranteed silvering; heavy double doors flush with the cabinet face and held by Sedan door stops. Each Cabinet furnished with three extra heavy bulb edge glass shelves with numerous possible adjustments; polished glass knobs; concealed bronze pin hinges; no exposed metal on the face of the Cabinet.

These Cabinets are made thoroughly rust-resisting and the Pyroxylin lacquer finish is rubbed down to the glaze of the surrounding tile. This finish has been found to be proof against certain acids, cigarette ashes, iodine, etc. Lawco De Luxe Cabinets were designed and are being built for the very finest hotels, apartments and private homes.

	No. 350	No. 450
Outside dim. of wall flange	18⅝x24⅝ in.	20⅝x26⅝ in.
Depth of flanges	1⅝ in.	1⅝ in.
Depth of body back of flange	3⅛ in.	3⅛ in.
Inside dimensions	15⅝x21⅝x4⅞ in.	17⅝x23⅝x4⅞ in.
Wall opening	15⅞x21⅞x3¼ in.	17⅞x23⅞x3¼ in.
Mirror	14x14 in.	16x16 in.
Inside dim. of exposed shelf	6x15⅝x4⅞ in.	6x17⅝x4⅞ in.
Shipping weight	40 lbs.	50 lbs.
List price, each	$18.00	$23.00

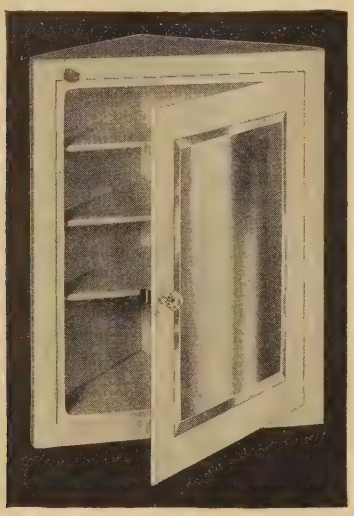
Packed in individual wood boxes.

	No. 300	No. 400	No. 500	No. 510
Outside dimen. of wall flanges.	16⅝x22⅝ in.	13⅝x24⅝ in.	20⅝x26⅝ in.	22½x29½ in.
Depth of flanges.	1⅝ in.	1⅝ in.	1⅝ in.	1⅝ in.
Depth of body back of flange.	3⅛ in.	3⅛ in.	3⅛ in.	3⅛ in.
Inside dimen.	13⅝x19⅝x4⅞ in.	15⅝x21⅝x4⅞ in.	17⅝x23⅝x4⅞ in.	19½x26½x4⅞ in.
Wall opening.	13⅞x19⅞x3¼ in.	15⅞x21⅞x3¼ in.	17⅞x23⅞x3¼ in.	19¾x26¾x3¼ in.
Mirror	12x18 in.	14x20 in.	16x22 in.	17¾x24¾ in.
Shipping wt.	40 lbs.	45 lbs.	55 lbs.	60 lbs.
List price, each.	$16.00	$20.00	$25.00	$28.00

Packed in individual wood boxes.

LAWCO WALL CABINETS

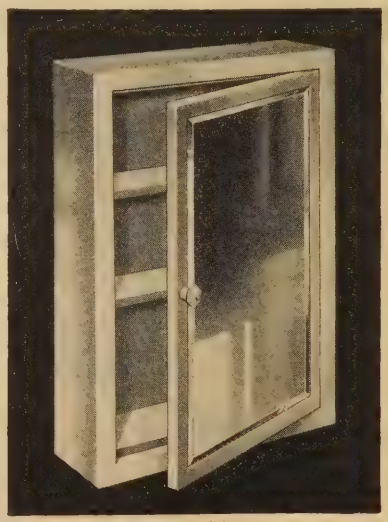
No. 40310



No. 80

This Cabinet fills a long felt need—something for over the washstand in the corner. (So many old-fashioned bathrooms have the corner washstands.) It is furnished with beveled mirror only and has stationary metal shelves.

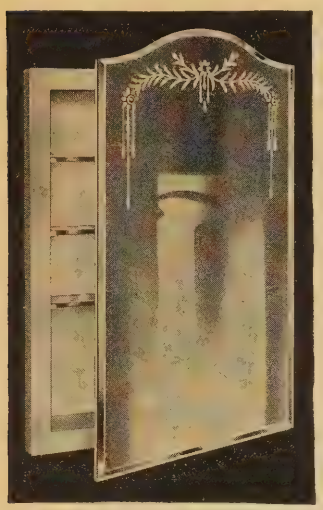
Dimensions of Face—16¼x21¼ inches.
Mirror—11x16 inches.
Shelves—Two stationary metal.
Finish—Three coats lacquer rubbed down.
Shipping Weight—30 lbs. each.
List Price, each—$16.00. Packed in individual wood boxes.



No. 85

A Wall Cabinet De Luxe. Built to a standard, not a price.

Mirror—Best quality beveled plate, ¼-inch thick. Size, 12x18 inches. Removable.
Shelves—Three, bulb edge plate glass. Size, 4x15⅜ inches.
Latch—Glass knob operating inside, brass spring catch.
Hinges—Concealed pin type.
Outside Dimensions—15⅝x21⅝x5 inches.
Door—13⅜x19⅜ inches.
Finish—Three coats lacquer rubbed down.
Shipping Weight—45 pounds.
List Price, each—$17.00.
Packed in individual wood boxes.



No's. 785 and 795

"LAWCO" INSERT CABINETS

No. 40311

Standard Venetian Models

SPECIAL LAWCO FEATURES

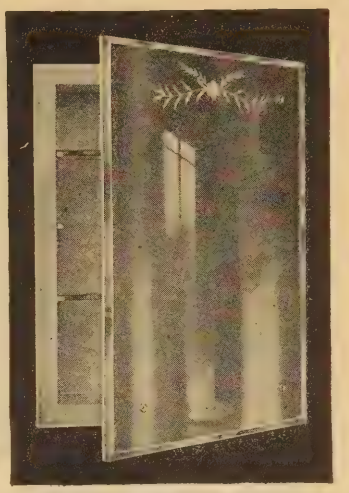
1. Doors held by spring and chain door stops.

2. Space behind door on hinge side when open 90° is ¾", allowing Cabinet to be set in tile.

3. Mirrors rest on channel at bottom of door and have only two bolts at top.

4. Heavy double doors. Mirrors backed by Cellotex pads ⅝" thick. This feature does away with all breakage.

5. Mirrors packed in separate compartment to avoid breakage in transit.



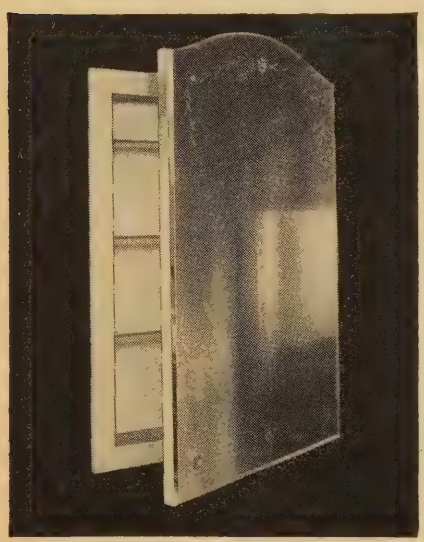
No's. 750 and 775

	No. 785	No. 795
Mirrors	18x26 in.	18x32 in.
Outside dimensions	17⅛x23½ in.	17⅛x29 in.
Depth of flanges	1¼ in.	1¼ in.
Inside dimensions	15x21x4¼ in.	15x26½x4¼ in.
Wall openings	15⅜x21⅜x3¼ in.	15⅜x26⅞x3¼ in.
Shipping Weight	55 lbs.	60 lbs.
List Price, each	$28.00	$30.00

Packed in Individual Wood Boxes.

	No. 750	No. 775
Mirrors	16x22 in.	18x24 in.
Inside Dimensions	13x19x4¼ in.	15x21x4¼ in.
Outside Dimensions of Flange	15½x21½ in.	17½x23½ in.
Wall Opening	13½x19½x3 in.	15½x21½x3 in.
Depth of Flange	1¼ in.	1¼ in.
Shipping Weight	50 lbs.	55 lbs.
List Price, each	$17.00	$21.00

Packed in Individual Wood Boxes



No's. 780, 800 and 900

"LAWCO" INSERT CABINETS

No. 40311

De Luxe Models—Venetian Models

These Lawco Venetian Mirror Cabinets De Luxe combine unusual decorative value with utility. The mirror is set in a ⅝ in. wide by 15/16 in. deep, beautiful colored Lacquer or Chromium plated frame, its weight is supported by ledge at bottom of door.

New double air cushion door allows cabinet to be set in tile flush with face. No knob to mar the smooth expanse of mirror. Invisible spring catches. Absolutely invisible hinges with door stops incorporated.

No's. 915 and 925

	No. 780	No. 800	No. 900
Mirrors	16x22 in.	18x26 in.	20x34 in.
Inside dimensions	13x19x4¼ in.	14¾x20⅛x4 in.	16¾x28x4 in.
Wall openings	13½x19½x3 in.	15⅛x20⅞x3½ in.	17⅛x28⅜x3½ in.
Outside dimensions of flanges	15½x21½ in.	17¾x23½ in.	19¾x31 in.
Depth of body flanges	¾ in.	¾ in.	¾ in.
Thickness of door	⅝ in.	⅝ in.	⅝ in.
Shipping weight	40 lbs.	50 lbs.	60 lbs.
List price, each	$21.00	$33.50	$41.50

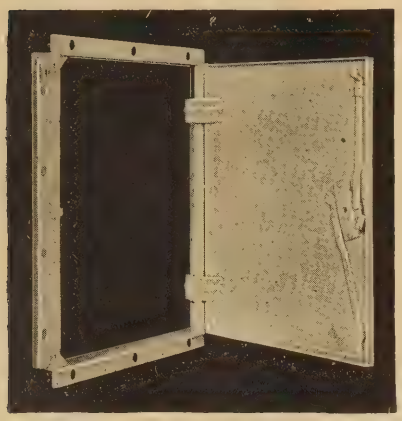
Packed in Individual Wood Boxes

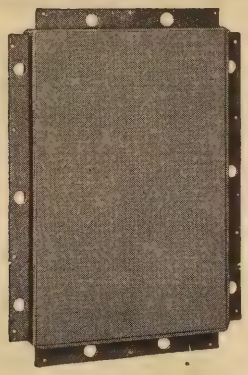
	No. 915	No. 925
Mirror	14¾x24¾ in.	17¼x31¼ in.
Door Size	15⅛x25⅛ in.	18x32 in.
Inside dimensions	12¾x19⅞x4¼ in. Deep	15x26½x4¼ in. Deep
Wall opening	12¾x20¼x3½ in. Deep	15⅜x26⅞x3½ in. Deep
Outside dimensions of flanges	15⅜x22⅞ in.	17⅞x29⅜ in.
Depth of body flange	¾ in.	¾ in.
Depth of body behind flange	3½ in.	3½ in.
Thickness of door	15/16 in.	15/16 in.
Shipping weight	40 lbs.	60 lbs.
List price each, with Lacquered Door Frames	$24.00	$40.00
List price, each, with Chromium Plated Door Frames	$36.00	$60.00

Packed in Heavy Wooden Boxes

LAWCO ACCESS UNITS

No. 40425





STANDARD TYPE

(Hinged Panels)

No longer is is necessary to ruin plastered walls to obtain access to hidden defective plumbing, steam pipes, wiring, etc. A Lawco Standard Access Unit on every floor where these pipes, wires, etc., run, solves the problem. They are so built that when properly installed they appear to be a part of the wall itself.

The edges of the frame and the door panel are flush with the plaster. The cracks between the door and the frame may be filled with putty and the whole painted over. In the case of papering the panel is absolutely hidden. The door may be firmly latched by the 3 point locking device. These units can be installed in any kind of partition by inexperienced workmen.

No.	Paney Size	Wall Opening	Weight	List Price each
10	12x16 in.	13 5/8 x16 1/4 in.	6 lbs.	**$5.50**
15	12x24 in.	13 5/8 x24 1/4 in.	10 lbs.	**7.50**
20	18x24 in.	19 5/8 x24 1/4 in.	14 lbs.	**9.00**

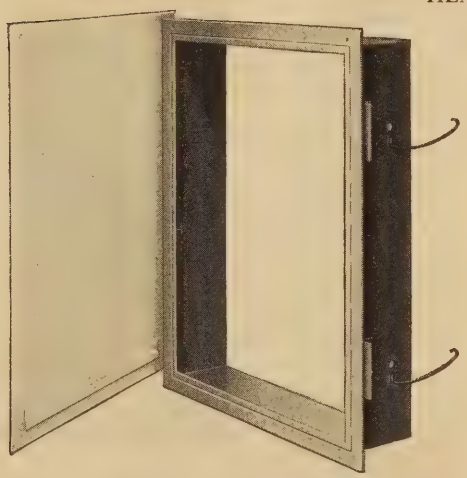
STANDARD TYPE

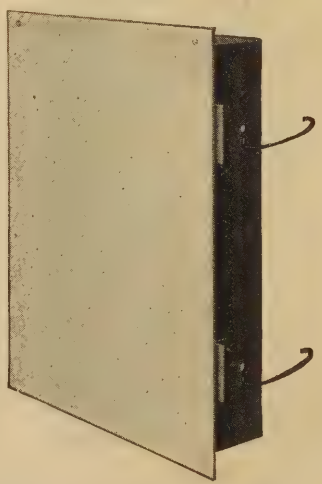
(Separate Panels)

These panels are exactly the same as the Hinged Panel type, except the panels are not fastened to the frame. They have the 3 point locking device the same as the others. The other side of the panel is held in place with an angle engaging the frame as in the case of the heavy duty panel. These panels may be made dust tight by inserting a felt pad between the edge of the panel and the inner frame.

No.	Paney Size	Wall Opening	Weight	List Price each
010	13 1/2 x16 in.	13 5/8 x16 1/4 in.	6 lbs.	**$5.50**
015	13 1/2 x24 in.	13 5/8 x24 1/4 in.	10 lbs.	**7.50**
020	19 1/2 x24 in.	19 5/8 x24 1/4 in.	14 lbs.	**9.00**

HEAVY DUTY TYPE





Lawco Heavy Duty Access Units consist of a Heavy Wall Buck Angle type made of 16 gauge Cold Rolled Steel and a flat panel covering. The buck is equipped with spacer fins so that it can be set the proper depth in the opening to leave room for the plaster which after the buck is set must come flush with the front flanges.

The panel is one solid slab of 1/8-inch Stretcher Leveled Steel. At the bottom it has an angle iron welded to the inside which engages the lower inside sill of the buck. The panel is then brought against the flange of the buck and held in place with counter sunk screws which engage nuts included on the under side of the buck flange.

The Lawco Heavy Duty Unit is ideal for use in public buildings where heavy wear demands sturdiness and lasting qualities. It is used for pipe shaft openings, air way openings, etc. Its smooth face may be painted to match the wall and it immediately becomes inconspicuous. The door panel will not warp out of shape, sag or crack. The cost is very low and it can be installed easily by inexperienced workmen.

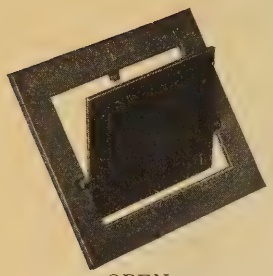
No.	Panel Size	Wall Opening	Weight	List Price each
30	14 1/4 x18 1/4 in.	12 1/4 x16 1/4 in.	22 lbs.	**$7.00**
40	15 1/2 x26 1/4 in.	13 1/2 x24 1/4 in.	34 lbs.	**9.00**
50	20 1/4 x26 1/4 in.	18 1/4 x24 1/4 in.	42 lbs.	**11.00**

Note: Above standard sizes are carried in stock. Special sizes can be furnished—prices and other data upon request.

TILTING TYPE ASH DUMPS

(To be placed beneath Open Fire Place Grates)

No. 10120



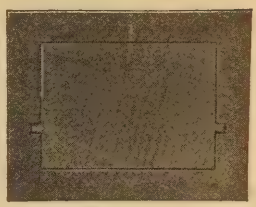
OPEN

No. 1

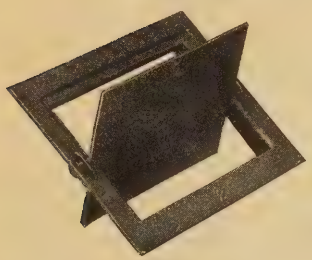
Size of Frame ..... 7x8 ¾ in.
Size at Opening ..... 4 ⅝ x6 ⅜ in.
Size of Tilting Door ..... 4 ½ x6 ⅜ in.
Weight Complete ..... 2 ½ lbs.

The No. 1 Ash Dump does not have a flange on the under side of the frame.

List Price, each **$0.50**



CLOSED



OPEN

No. 2

Size of Frame ..... 7x10 in.
Size of Opening ..... 5x8 in.
Size of Tilting Door ..... 5 ⅛ x8 ½ in.
Depth on Flange on under side of Frame..... ⅝ in.
Weight Complete ..... 3 ½ lbs.

One edge of the tilting door of the No. 2 Ash Dump is weighted underneath, so the door will close automatically.

List Price, each **$0.55**

CLOSED

OPEN

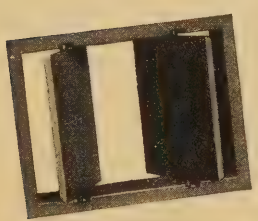
No. 3

Size of Frame ..... 7 ¼ x11 ¾ in.
Size of Opening ..... 5 ½ x10 in.
Size of Tilting Door ..... 5 ⅝ x10 ⅜ in.
Depth of Flange on under side of Frame..... ¾ in.
Weight Complete ..... 5 ¼ lbs.

One edge of the tilting door of the No. 3 Ash Dump is weighted underneath, so the door will close automatically.

List Price, each **$1.15**

CLOSED



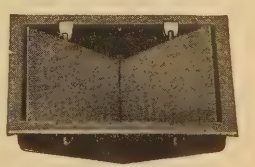
OPEN

No. 4

Size of Frame ..... 6 ½ x8 ½ in.
Size of Opening ..... 5 ⅛ x7 ¼ in.
Size of Tilting Doors ..... 4x5 ¼ in.
Depth of Flange on under side of Frame.... 1 ¼ in.
Weight Complete ..... 5 lbs.

One edge of each tilting door of the No. 4 Ash Dump is weighted underneath, so the doors will close automatically.

List Price, each **$1.15**



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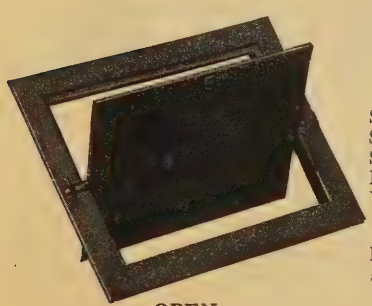


OPEN

No. 5

Size of Frame ..... 9x12 in.
Size of Opening ..... 6 ¾ x9 ⅝ in.
Size of Tilting Door ..... 6 ⅞ x10 in.
Depth of Flange on under side of Frame..... ⅝ in.
Weight Complete ..... 5 ⅜ lbs.

One edge of the tilting door of the No. 5 Ash Dump is weighted underneath, so the door will close automatically.

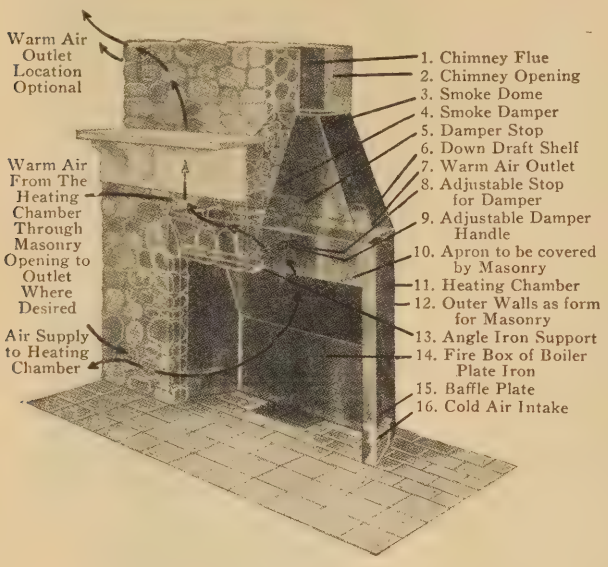
List Price, each **$1.65**

CLOSED

HEATILATOR FIREPLACE UNITS

No. 10200

Cold air may be taken from inside direct or through cold air pipes. Outlets to adjacent rooms or upper floors if desired.



Location of grilles is optional,—in front or hidden in ends. Outlets may be above or below mantel shelf.

Adapted for use with brick, stone, tile, stucco, etc.

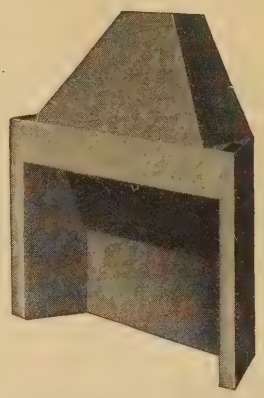
The Heatilator Fireplace unit is a complete unit made of copper content boiler plate metal electrically welded together consisting of fire chamber, dome, damper, down draft shelf, and smoke shelf. In addition to being a complete fireplace and giving about three times the amount of heat usually gotten, this unit may be installed as cheaply as the ordinary fireplace constructed. This fact is due to a saving of the following materials:

About 500 ordinary brick—$5.00, about 100 firebrick—$9.00. Fireplace Damper—$7.00. In addition to about one and one half days labor for mason and helper—$33.00. Total $54.00.

In addition to being a complete fireplace unit it is heated by an air chamber in which the heating air is heated and thrown into the room.

The Heatilator Fireplace unit is inserted in the chimney as the chimney is being constructed. Having properly installed the Heatilator your fireplace problem is solved.

Ordinarily the plastering and other masonry work in the house is completed after which a mantel is built around the front of the Heatilator. This mantel may consist of any material desired, namely, brick, stone, tile, marble, etc.



All Patents Pending

The Heatilator Fireplace Unit as delivered—completely equipped ready to install.

The marked success of the Heatilator is founded on the basic principle of its double wall construction. These walls form an air chamber into which the cold air is drawn through in conspicuous grilles or masonry lattace work, as shown in the illustration above. Thus, air circulates through the heating chamber and is discharged through other inconspicuous grilles higher up in masonry. Hence the operation principle is similar to that of the warm air furnace.

No. 10200

The inner shell forming the firebox is of $\frac{3}{16}$ in. to $\frac{3}{8}$ in. copperoid boiler plate iron. Down draft shelf and smoke damper are of same material. The outside and dome walls which serve as forms for permanent masonry are of 14 gauge copperoid iron. All seams are electrically welded. Positive poker control for the damper requires no mechanism or fixtures in the mantle.

No.	Finished Width	Opening Height	Fuel Capacity	Weight	List Price each
34H	33	28	up to 28 in.	285	**$ 58.00**
39H	37	30	up to 30 in.	340	**68.00**
44H	42	34	up to 33 in.	465	**78.00**
50H	48	36	up to 39 in.	580	**96.00**
62H	60	40	up to 48 in.	780	**116.00**
74H	72	48	up to 54 in.	1350	**136.00**
28H	27	27	up to 20 in.	235	**53.00**

Grilles or Registers

No. 10201

Pattern 4 is clay tile hand moulded. No's 1, 2 and 3 are cast iron. Gray, Japanned or Oxidized.

No. 1 No. 2 No. 3 No. 4

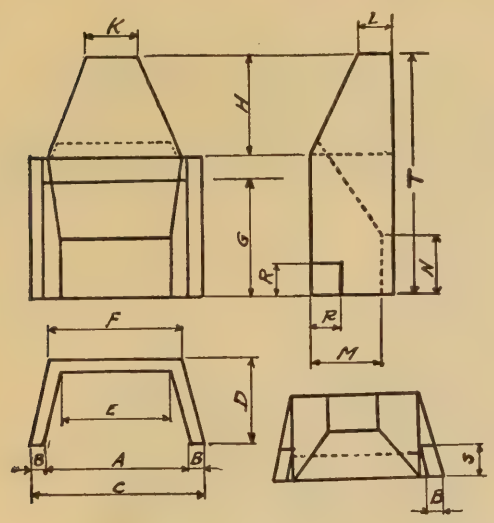
Size 8x 8 in. List Price, each.....**$1.50**
Size 10x10 in. List Price, each..... **2.00**

Angle iron supports furnished if specified, for size see page

The Heatilator Guarantee

No Heatilator purchase is completed until the owner is fully satisfied,—money back on request. A standing offer of full purchase price plus $20 for any Heatilator we can buy back after it has been installed and tried out.

Heatilator Dimensions



Model	A	B	C	D	E	F	G	H	K	L	M	N	R	S	T
34-H	34¼"	3"	40½"	20"	27"	32"	27¼"	24"	12"	8"	17"	15"	8"	8"	57½"
39-H	39"	4"	47"	22"	30"	36"	29¾"	24"	16"	8"	18"	16½"	8"	8"	60"
44-H	44"	5"	54"	24"	32¾"	40"	34"	24"	16"	8"	19"	18"	8"	8"	66"
50-H	50"	6"	62"	26"	37"	45"	36"	30"	16"	12"	20"	20"	10"	8"	74"
62-H	62"	8"	78"	28"	44½"	55½"	38"	36"	16"	12"	22"	22"	10"	10"	84"
74-H	74"	10"	94"	30"	50"	64"	44"	36"	24"	16"	24"	24"	10"	10"	92"
28-H	28"	3"	34"	18"	20¼"	24⅜"	26"	24"	12"	8"	15⅛"	14"	8"	8"	56"

General Instruction

The K and L measurements on diagrams and table correspond to size of chimney flue required.

Intake and outlet grilles or registers may be placed in ends instead of front of fireplace if sufficient room is provided.

Air passages may be provided by spacing the masonry,—minimum 30 sq. in. for each opening.

Cold air boxes may be built under floor and open into Heatilator chamber back of the masonry out of sight. Likewise the outlet openings may be hidden in the ends or high up in the chimney or they may open into adjacent rooms or into an upper story.

Masonry should extend slightly beyond Heatilator walls thus making finished opening 1 in. or 2 in. smaller in width than the size of Heatilator indicated by dimension "A" on sketches.

Plan sheet and simple instructions with each Heatilator.

A New Source of Heat and Comfort

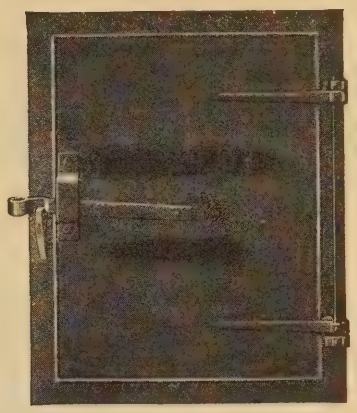
Anemometer tests show that the 34 in. Heatilator with a moderate wood fire produces 100 cu. ft. of air per minute. At this rate the entire volume of air in a large living room would circulate through the Heatilator two to three times an hour. Temperature of this heated air coming from the outlet is 200° to 250° F.

Other Features and Advantages

Insures scientifically correct construction and operation,—enhances beauty of design,—makes the use of fireplaces economical and popular,—assures healthful ventilation,—provides living comfort and cheer,—increases property value and stability,—costs little if any more,—pays annual dividends on investment by saving in fuel and heat.

Stack Doors

No. 10426



No. 1

Cast iron door and cast iron frame. The catch and guide are wrought iron.

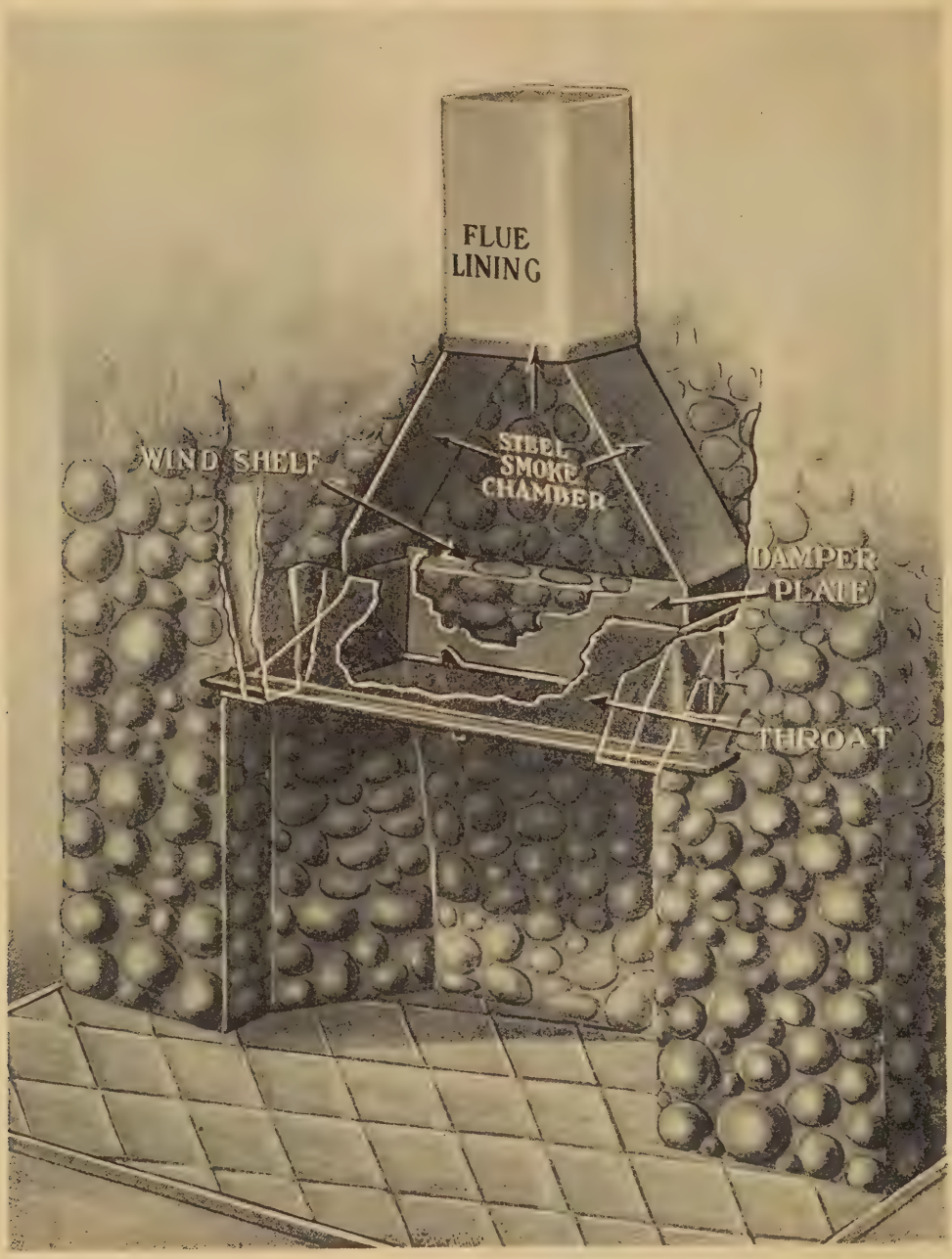
Size of Frame . . . . . 22 in. x 28 in.
Size of Opening . . . . . 18 in. x 24 in.
Size of Door . . . . . 19 in. x 25 in.
Depth of Flange on Under Side of Frame . . . . . 2⅞ in.
Weight Complete . . . . . 79½ lbs.
List Price, each **$20.00**

No. 2

Heavy sheet steel door on a cast iron frame. The catch, guide and hinges are wrought iron.

Size of Frame . . . . . 28 in. x 40 in.
Size of Opening . . . . . 24 in. x 35⅞ in.
Size of Door . . . . . 25½ in. x 37¾ in.
Depth of Flange on Under Side of Frame . . . . . 3 in.
Weight Complete . . . . . 89 lbs.
List Price, each **$25.00**

SMOKE CHAMBERS



No. 10210

The smoke chamber is an important part of the fireplace. It is shaped like a funnel and guides the smoke up the flue. The smoke chamber must be placed in the center of the fireplace.

The installation of a steel chamber is a saving of mason's expense and assists greatly to reduce cost of fireplace.

	Inside Area of Flues		List Price, each
8½ x 8½	in.	52 sq. in.	**$4.75**
8½ x 13	in.	80½ sq. in.	**5.50**
13 x 13	in.	117 sq. in.	**6.00**
13 x 18	in.	183 sq. in.	**7.00**
18 x 18	in.	150 sq. in.	**8.00**

DAMPERS

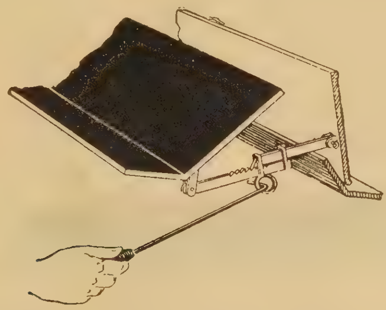
Throat Type

Poker Control Damper

No. 10401

This Throat-type Poker Control Damper is operated by placing a poker in the ring provided, and pushing to open and pulling to close.

It is designed particularly for those who want a hidden control.



No.	Width of frame (at front)	Width of dome (at front)	Height of dome (at front)	Proper Flue Lining Exterior Dimen.	Round Flue Inside Dimen.	Shipping Weight	List Price each
200	36 in.	30 in.	5¾ in.	8½x13 in.	10 in.	30 lbs.	$ 5.05
201	40 in.	34 in.	5¾ in.	8½x13 in.	10 in.	33 lbs.	5.65
202	42 in.	36 in.	5¾ in.	8½x13 in.	12 in.	35 lbs.	6.10
203	48 in.	42 in.	5¾ in.	13 x13 in.	12 in.	41 lbs.	7.20
204	54 in.	48 in.	5¾ in.	13 x13 in.	15 in.	48 lbs.	8.25
205	60 in.	54 in.	9 in.	13 x18 in.	15 ni.	94 lbs.	12.65
206	66 in.	60 in.	9 in.	13 x18 in.	15 in.	106 lbs.	13.85

Nos. 200 to 204. Depth of frames 12 in. Depth of dome 8 in.
Nos. 205 and 206. Depth of frames 17 in. Depth of dome 12 in.

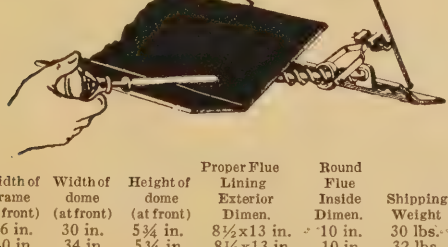
Throat Type

Rotary Control Damper

No. 10402

This Throat-Type Rotary Control Damper is for use where operation from the front of the fireplace is desired. The damper is opened and closed by simply turning the knob.

This type is very desirable from the standpoint of cleanliness and convenience.



No.	Width of frame (at front)	Width of dome (at front)	Height of dome (at front)	Proper Flue Lining Exterior Dimen.	Round Flue Inside Dimen.	Shipping Weight	List Price each
100	36 in.	30 in.	5¾ in.	8½x13 in.	10 in.	30 lbs.	$ 5.70
101	40 in.	34 in.	5¾ in.	8½x13 in.	10 in.	32 lbs.	6.30
102	42 in.	36 in.	5¾ in.	8½x13 in.	12 in.	34 lbs.	6.75
103	48 in.	42 in.	5¾ in.	13 x13 in.	12 in.	44 lbs.	7.85

Depth of frames 12 in. Depth of dome 8 in.

"Sutton" Dome Damper

Poker Control
No. 10405

If a ratchet control type is preferred, the "Sutton" Damper with long ratchet control, as illustrated above, is recommended.

On this type, the shutter is opened or closed by moving the lever forward and backward, by inserting a poker through the opening in the end of the lever. Lever never extends beyond front of fireplace. Control of draft is positive and accurate.

No.	Width of frame (at front)	Width of dome (at front)	Height of dome (at front)	Proper Flue Lining Exterior Dimen.	Round Flue Inside Dimen.	Shipping Weight	List Price each
124R	30 in.	24 in.	6¼ in.	8½x8½ in.	8 in.	30 lbs.	$ 8.50
130R	36 in.	30 in.	6¼ in.	8½x13 in.	10 in.	37 lbs.	10.50
136R	42 in.	36 in.	6¼ in.	13x13 in.	12 in.	46 lbs.	12.75
142R	48 in.	42 in.	6¼ in.	13x13 in.	12 in.	56 lbs.	15.00
148R	54 in.	48 in.	6¼ in.	13x18 in.	15 in.	65 lbs.	17.00
154R	60 in.	54 in.	6¼ in.	13x18 in.	15 in.	92 lbs	20.50
160R	66 in.	60 in.	6¼ in.	18x18 in.	18 in.	108 lbs.	22.00
166R	72 in.	66 in.	6¼ in.	18x18 in.	18 in.	120 lbs.	24.00
172R	78 in.	72 in.	6¼ in.	18x18 in.	18 in.	130 lbs.	26.00

Depth of frame 13⅛ in. Depth of dome 10 in.

* Always order size which has width of dome at front nearest to the width of the opening of the fireplace. Never use a damper which has a dome width less than the width of the fireplace opening.

"Sutton" Dome Damper

Rotary Control
No. 10404

Best fireplace construction is formed by a smoke hood in the front, the first course of brick supported on a steel angle. Damper is then set higher in the fireplace.

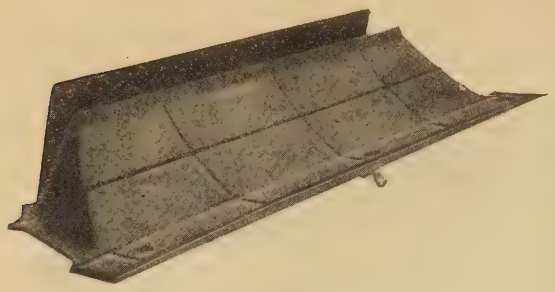
"Sutton" Dome Dampers, equipped with worm gear controls, are admirably suited for this type of construction.

No.	Width of frame (at front)	Width of dome (at front)	Height of dome (at front)	Proper Flue Lining Exterior Dimen.	Round Flue Inside Dimen.	Shipping Weight	List Price each
124W	30 in.	24 in.	6¼ in.	8½x8½ in.	8 in.	30 lbs.	$ 8.50
130W	36 in.	30 in.	6¼ in.	8½x13 in.	10 in.	37 lbs.	10.50
136W	42 in.	36 in.	6¼ in.	13x13 in.	12 in.	46 lbs.	12.75
142W	48 in.	42 in.	6¼ in.	13x13 in.	12 in.	56 lbs.	15.00
148W	54 in.	48 in.	6¼ in.	13x18 in.	15 in.	65 lbs.	17.00
154W	60 in.	54 in.	6¼ in.	13x18 in.	15 in.	92 lbs.	20.50
160W	66 in.	60 in.	6¼ in.	18x18 in.	18 in.	108 lbs.	22.00
166W	72 in.	66 in.	6¼ in.	18x18 in.	18 in.	120 lbs.	24.00
172W	78 in.	72 in.	6¼ in.	18x18 in.	18 in.	130 lbs.	26.00

Depth of frames 13⅛ in. Depth of domes 10 in.

* Always order size which has width of dome at front nearest to the width of the opening of the fireplace. Never use a damper which has a dome width less than the width of the fireplace opening.

Imperial Damper



Poker Control
No. 10406

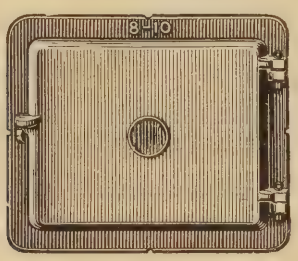
Simplicity of construction and operation. Three parts: the cast iron frame or throat piece, the valve plate, and the operating ratchet, these are accessible at all times. No worm or gears to become rusted, break or get out of order. Valve pin can be removed easily at any time. Frame is strong and acts as a lintel to support the arch.

SPECIFICATIONS OF "500" SERIES DAMPERS

No.	Width of frame (at front)	Width of dome (at front)	Height of dome (at front)	Proper Flue Lining Exterior Dimen.	Round Flue Inside Dimen.	Shipping Weight	List Price each
524	28 in.	24 in.	6 in.	8½x8½ in.	8 in.	33 lbs.	$ 7.00
530	34 in.	30 in.	6 in.	8½x13 in.	10 in	38 lbs.	8.10
532	36 in.	32 in.	6 in.	8½x13 in.	10 in.	40 lbs.	8.30
536	40 in.	36 in.	6 in.	13x13 in.	12 in.	43 lbs.	9.00
542	46 in.	42 in.	6 in.	13x13 in.	12 in.	50 lbs.	10.50
548	52 in.	48 in.	6 in.	13x18 in.	15 in.	54 lbs.	11.30
554	58 in.	54 in.	6 in.	13x18 in.	15 in.	72 lbs.	13.50
560	64 in.	60 in.	6 in.	18x18 in.	18 in.	74 lbs.	15.00

Depth of frames 13½ in. Depth of dome 10 in.

Ash Pit Doors



No. 10425

Placed in the base of chimney, so that ashes and soot may be removed. Construction is of heavy cast iron. The latch is simple and effective and hinges are sturdy and smooth in action. Doors are made in sizes as indicated below.

No.	Exact Size of Opening	Weight	Price Each
30	5 in. high x 7 in. wide	4¼ lbs.	$1.10
300	8 in. high x 8 in. wide	7 lbs.	1.50
31	8 in. high x 10 in. wide	7½ lbs.	2.00
32	10 in. high x 12 in. wide	11 lbs.	2.90
35	12 in. high x 12 in. wide	13 lbs.	3.50
33	12 in. high x 16 in. wide	15½ lbs.	5.25
34	14 in. high x 20 in. wide	28½ lbs.	7.00
36	18 in. high x 24 in. wide	50 lbs.	9.60
37	24 in. high x 24 in. wide	65 lbs.	14.00

Rachet Damper

No. 10403

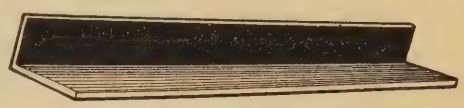
The RATCHET or Flat Damper is an inexpensive, although efficient type. It is operated in a similar way to the Poker Control type.

It also has a slide shutter on plate to give additional draft.

Made in the following sizes:

No.	Size Front	Shipping Wt.	Price Each
300	30	14	$3.50
302	36	18	4.00
303	42	19	4.50

Fire Place Angles



Steel Angles—We have steel angles in stock in sizes and lengths as follows:

No. 10110

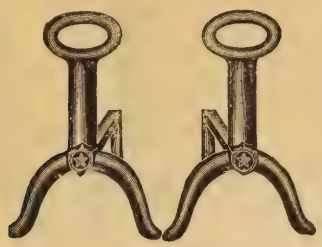
Length	Size	Weight	List Price each
24 in.	3x3x¼ in.	9¼ lbs.	$1.20
30 in.	3x3x¼ in.	12½ lbs.	1.50
36 in.	3x3x¼ in.	14¾ lbs.	1.80
42 in.	3x3x¼ in.	17¼ lbs.	2.10
48 in.	3x3x¼ in.	19½ lbs.	2.40
54 in.	3x3x¼ in.	22 lbs.	2.70
60 in.	3x3x¼ in.	24½ lbs.	3.00
66 in.	3x3x¼ in.	27 lbs.	3.30
72 in.	3x3x¼ in.	29 lbs.	3.60
78 in.	3x3x¼ in.	32 lbs.	3.90
84 in.	3x3x¼ in.	34½ lbs.	4.20
96 in.	3x3x¼ in.	39 lbs.	4.80
108 in.	3x3x¼ in.	44 lbs.	5.40

No. 10111

Length	Size	Weight	List Price each
24 in.	4x3x¼ in.	11 lbs.	$1.44
30 in.	4x3x¼ in.	14 lbs.	1.80
36 in.	4x3x¼ in.	17 lbs.	2.16
42 in.	4x3x¼ in.	20 lbs.	2.52
48 in.	4x3x¼ in.	23 lbs.	2.88
54 in.	4x3x¼ in.	26 lbs.	3.24
60 in.	4x3x¼ in.	29 lbs.	3.60
66 in.	4x3x¼ in.	32 lbs.	3.96
72 in.	4x3x¼ in.	35 lbs.	4.32
78 in.	4x3x¼ in.	38 lbs.	4.68
84 in.	4x3x¼ in.	41 lbs.	5.04
96 in.	4x3x¼ in.	47 lbs.	5.76
108 in.	4x3x¼ in.	53 lbs.	6.48

ANDIRONS

No. 10100



No. 3505

Cast Iron, 12 in. high, Open Back Smooth Velvet Black Finish. Weight, per pair, 15 lbs.

List Price, per pair **$4.00**

No. 867
Fire Set
to match
(For description and List Price see page 54)

No. 3523

Hammered Effect, Cast Iron, 18 in. high. Open Back. Weight per pair, 26 lbs.

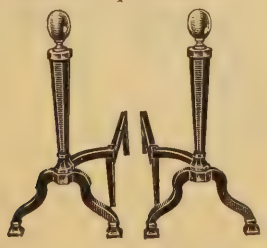
	List Price per Pair
Finish, Black	$ 8.00
Finish, Swedish	9.00
Finish, Burnt Antique Brass	10.00

No. 898
Fire Set
to match
(For description and List Price see page 53)

No. 3572

Cast Iron, Hammered Effect. 20 in. high. Open Back. Weight, per pair, 28 lbs.

	List Price per Pair
Finish, Black	$ 8.00
Finish, Swedish	10.00
Finish, Burnt Antique Brass	11.00



No. 915
Fire Set
to match
(For description and List Price see page 54)

No. 3574

Cast Iron, 18 in. high. Full Pattern, Velvet Black Finish. Weight, per pair, 23 lbs.

List Price, per pair **$10.00**

No. 3574-C

Velvet Black Finish, mounted with Polished Cast Brass Balls. Weight, per pair, 25 lbs.

List Price, per pair **$14.00**

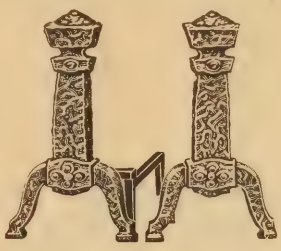
No. 884
Fire Set
to match
(For description and List Price see page 53)

No. 3573-C

Cast Iron, 20½ in. high, Open Back, Velvet Black Finish with Polished Cast Brass Urns and Ornaments. Weight per pair, 31 lbs.

List Price, per pair **$21.00**

No. 893
Fire Set
to match
(For description and List Price see page 53)

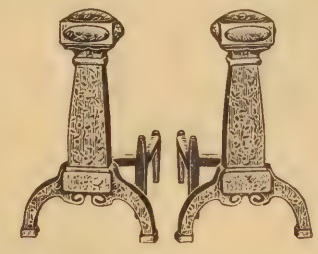


No. 3548

Cast Iron, 17 in. high, Open Back, Weight per pair, 29 lbs.

	List Price per Pair
Finish, Black	$ 7.40
Finish, Swedish	9.40
Finish, Burnt Antique Brass	10.40

No. 906
Fire Set
to match
(For description and List Price see page 53)

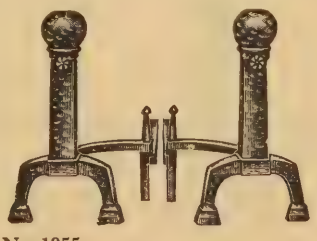


No. 3596

Cast Iron, Hammered Eeffct, 18 in. High, Weight per pair 31 lbs. Open Back.

	List Price per Set
Finish, Velvet Black	$ 9.00
Finish, Swedish	11.00
Finish, Burnt Antique Brass	12.00

No. 893
Fire Set
to match
(For description and List Price see page 53)



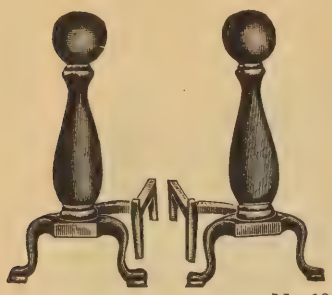
No. 1955

Cast Iron, 18 in. High, Full Pattern. Weight, per pair, 34 lbs.

	List Price per Pair
Finish, Black	$10.00
Finish, Swedish	12.00
Finish, Burnt Antique Brass	13.00

Andirons

No. 10100



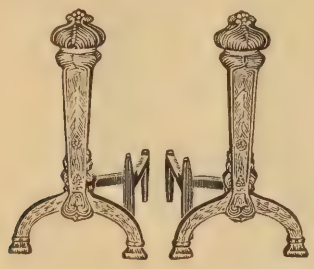
No. 915
Fire Set
to match
(For description and List Price see page 54)

No. 1919

Cast Iron, 18½ in. high, Full Pattern, Velvet Black Finish. Weight, per pair, 33 lbs.
List Price, per pair **$10.00**

No. 1919-C

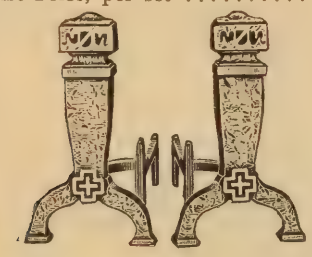
Velvet Black Finish Mounted with Polished Cast Brass Balls. Weight, per pair, 35 lbs.
List Price, per pair **$20.00**



No. 911
Fire Set
to match
(For description and List Price see page 54)

No. 3605

Cast Iron Plated finish, Open Back, 19¾ in. High. Weight, per pair, 31 lbs.
List Price, per set **$16.00**

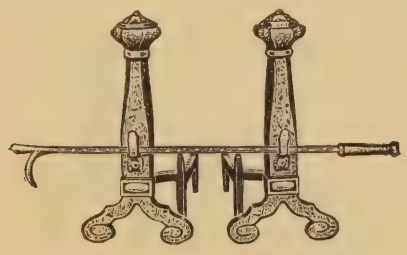


No. 908
Fire Set
to match
(For description and List Price see page 54)

No. 3600

Cast Iron Open Back Hammered effect, 18½ in. high. Weight, per pair, 35 lbs.

	List Price per Set
Finish, Velvet Black	**$11.00**
Finish, Swedish	**14.00**
Finish, Burnt Antique Brass	**15.00**



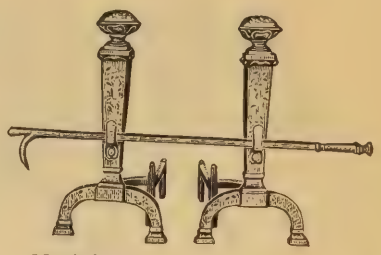
No. 913
Fire Set
to match
(For description and List Price see page 54)

No. 3595-R

Cast Iron Hammered effect, Open Back, 24 in. high. Weight, per pair, 42 lbs., with 40 in. log roller.

	List Price per Set
Finish, Velvet Black	**$16.00**
Finish, Swedish	**21.00**
Finish, Burnt Antique Brass	**22.00**

No. 914
Fire Set
to match
(For description and List Price see page 54)

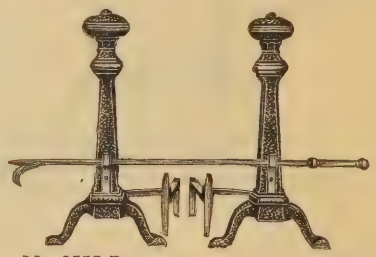


No. 3594-R

Cast Iron Hammered effect Open Back, 21½ in. High. Weight, per pair, 42 lbs. with 40 in. log roller.

	List Price per Set
Finish, Velvet Black	**$15.00**
Finish, Swedish	**20.00**
Burnt Antique Brass	**21.00**

No. 913
Fire Set
to match
(For description and List Price see page 54)



No. 3557-R

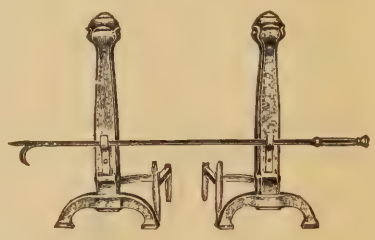
Hammered Effect, Cast Iron, 27 in high. Full Pattern, with 40 in. Log Roller. Weight, per pair, 57 lbs.

	List Price per Pair
Finish, Black	**$23.00**
Finish, Swedish	**28.00**
Finish, Burnt Antique Brass	**29.00**

No. 3557
Without Log Roller
Weight, per pair, 52 lbs.

Finish, Black	**20.00**
Finish, Swedish	**23.00**
Finish, Burnt Antique Brass	**24.00**

No. 893
Fire Set
to match
(For description and List Price see page 53)



No. 3556-R

Hammered Effect, Cast Iron, 27 in high. Full Pattern, with 40 in. Log Roller. Weight, per pair, 52 lbs.

	List Price per Pair
Finish, Black	**$23.00**
Finish, Swedish	**28.00**
Finish, Burnt Antique Brass	**29.00**

No. 3556
Without Log Roller
Weight, per pair, 27 lbs.

Finish, Black	**20.00**
Finish, Swedish	**23.00**
Finish, Burnt Antique Brass	**24.00**

FIRE SETS

No. 10650

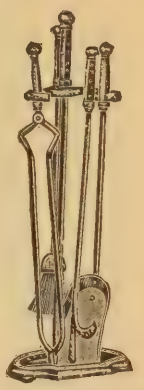
Set consists of Stand, Poker, Shovel and Tongs.

Cast iron handles, arm and base. Steel shafts and shovel blade.

24 in. high.

Weight, 15 lbs. per Set.

	List Price
No. 841 Finish, Black	**$6.50**



Set consists of Stand, Log Roller, Shovel, Tongs and Brush.

Cast Iron hammered effect handles, arm and base. Steel shafts and shovel blade.

30 in. high.

Weight, 22 lbs. per Set.

	List Price per Set
No. 893 Finish, Black	**$11.00**
No. 893 Finish, Swedish	**13.50**
No. 893 Finish, Burnt Antique Brass	**14.50**

Set consists of Stand, Poker, Shovel, Tongs and Brush.

Cast iron handles, arm and base. Steel shafts and shovel blade.

27½ in. high.

Weight, 23 lbs. per Set.

	List Price per Set
No. 845 Finish, Black	**$ 9.50**
No. 845 Finish, Black, Brass Knobs on Handles	**19.50**

Set consists of Stand, Poker, Shovel and Tongs.

Cast iron handles, arm and base. Steel shafts and shovel blade.

Hammered plated handles only, other parts of set black finish.

25 in. high

Weight, 15 lbs. per Set.

	List Price per Set
No. 898 Finish, Black	**$7.50**
No. 898 Finish, Swedish	**8.50**
No. 898 Finish, Burnt Antique Brass	**9.50**

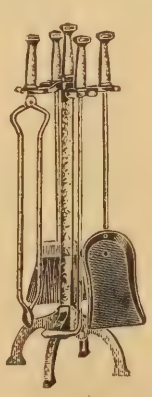
Set consists of Tongs, Shovel, Log Roller and Brush.

Cast brass handles and arm. Velvet black cast iron base. Steel shafts and shovel blades.

32 in. high.

Weight, 24 lbs. per Set.

No. 884 List Price, per Set	**$24.00**



Hammered Effect.

Set consists of Stand, Shovel, Tongs, Poker and Brush.

Cast iron handles and stand. Steel shafts and shovel blade.

28¼ in. high.

Weight, 25 lbs. per Set.

	List Price per Set
No. 906 Finish, Velvet Black	**$15.00**
No. 906 Finish, Swedish	**17.00**
No. 906 Finish, Burnt Antique Brass	**18.00**

FIRESETS

No. 10650

Hammered Effect.

Set consists of Stand, Log Roller, Shovel, Tongs and Brush.

Cast iron handles, arm and base. Steel shafts and shovel blade.

30 in. high.

Weight 20 lbs. per Set.

		List Price per Set
No. 867	Velvet Black Finish	**$11.00**
No. 867	Swedish Finish	**13.50**
No. 867	Burnt Antique Brass Finish	**14.50**

Hammered Effect.

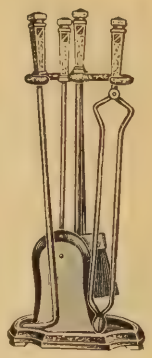
Set consists of Stand, Poker, Shovel, Tongs and Brush.

Cast iron handles, arm and base.

Steel shafts and shovel blade. Colored enamel trim handles.

25 in. high.

Weight, 23 lbs. per Set.



		List Price per Set
No. 908	Velvet Black Finish	**$11.00**
No. 908	Swedish Finish	**13.50**
No. 908	Burnt Antique Brass Finish	**14.50**

Hammered Effect.

Set consists of Stand, Log Roller, Shovel, Tongs and Brush.

Handles, arm and base of cast iron. Steel shafts and shovel blade.

30 in. high.

Weight 30 lbs. per Set.

		List Price per Set
No. 913	Velvet Black Finish	**$12.00**
No. 913	Swedish Finish	**14.50**
No. 913	Burnt Antique Brass Finish	**15.50**

Hammered Effect.

Set consists of Stand, Log Roller, Shovel, Tongs and Brush.

Handles, arm and base of cast iron. Steel shafts and shovel blade.

30 in. high.

Weight, 30 lbs. per Set.

		List Price per Set
No. 914	Velvet Black Finish	**$12.00**
No. 914	Swedish Finish	**14.50**
No. 914	Burnt Antique Brass Finish	**15.50**

Hammered Effect.

Set consists of Stand, Log Roller, Shovel, Tongs and Brush.

30 in. high.

Weight, 18 lbs. per Set.

		List Price per Set
No. 915	Velvet Black Finish	**$12.50**
No. 916	Velvet Black Finish with Brass Balls	**18.50**

Cast iron.

Scratched Brass Plated handles and arms.

Balance of Set, Black.

Set consists of Stand, Poker, Shovel, Tongs and Brush.

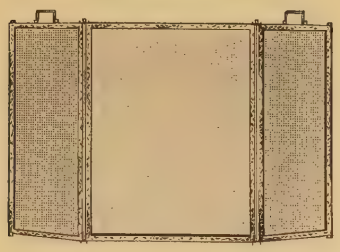
Cast iron handles, arm and base. Steel shafts and shovel blade.

25 in. high.

Weight, 22 lbs. per Set.

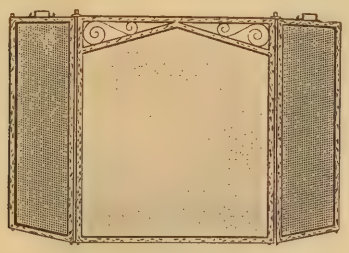
No. 911 List price, per set **$12.50**

FIRE SCREENS FOLDING



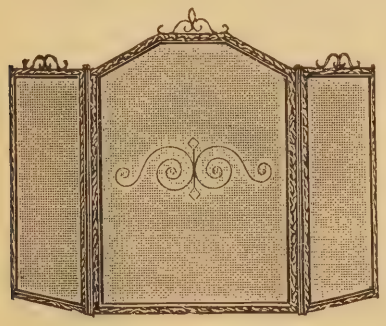
Hammered Metal frame. Black 12 mesh wire cloth.

No.	Finish	Height Center Fold	Height Side Folds	Width Center Fold	Width Side Folds	Weight each	List Price each
2459	Velvet Black	30 in.	30 in.	24 in.	12 in.	25 lbs.	$14.50
2459	Swedish	30 in.	30 in.	24 in.	12 in.	25 lbs.	15.50
2459	Burnt Antique Brass	30 in.	30 in.	24 in.	12 in.	25 lbs.	16.00



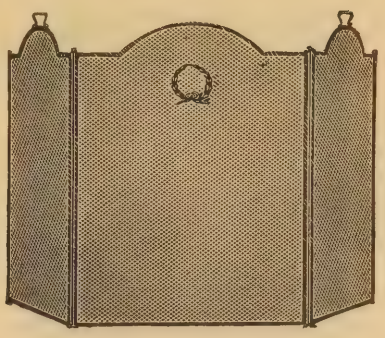
Hammered Metal frame. Black 12 mesh wire cloth.

No.	Finish	Height Center Fold	Height Side Folds	Width Center Fold	Width Side Folds	Weight each	List Price each
2460	Velvet Black	30 in.	30 in.	26 in.	12 in.	25 lbs.	$25.00
2460	Swedish	30 in.	30 in.	26 in.	12 in.	25 lbs.	26.50
2460	Burnt Antique Brass	30 in.	30 in.	26 in.	12 in.	25 lbs.	27.50



Hammered Metal Frame, Black No. 12 Mesh Cloth.

No.	Frame Finish	Height Center Fold	Height Side Folds	Width Center Fold	Width Side Folds	Weight each	List Price each
2437	Black	33½ in.	29½ in.	30 in.	15 in.	18 lbs.	$24.00
2437	Swedish	33½ in.	29½ in.	30 in.	15 in.	18 lbs.	26.00
2437	Burnt Antique Brass	33½ in.	29½ in.	30 in.	15 in.	18 lbs.	27.00

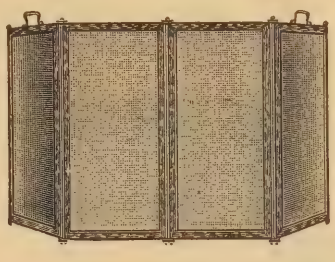


Brass Rod Frame and Brass Mattress weave Wire Cloth. Cast Brass Handles, Tips and Ornament.

No.	Height Center Fold	Height Side Folds	Width Center Fold	Width Side Folds	Weight each	List Price each
2436	31 in.	31 in.	24 in.	13 in.	18 lbs.	$27.50

Black Iron Rod frame with black mattress weave wire cloth, cast brass handles, tips and ornaments.

No.	Height Center Fold	Height Side Folds	Width Center Fold	Width Side Folds	Weight each	List Price each
2436-B	31 in.	31 in.	24 in.	13 in.	18 lbs.	$16.00



No. 10640

Hammered Metal Frame. ⅝ in. Face. Black 12 Mesh Wire Cloth.

No.	Frame Finish	Height	Width	Weight	List Price each
2427	Black	26 in.	12 in.	20 lbs.	$13.50
2427	Swedish	26 in.	12 in.	20 lbs.	14.00
2427	Burnt Antique Brass	26 in.	12 in.	20 lbs.	14.50
2427	Black	30 in.	12 in.	21 lbs.	14.50
2427	Swedish	30 in.	12 in.	21 lbs.	15.00
2427	Burnt Antique Brass	30 in.	12 in.	21 lbs.	15.50

Our line of Fireplace equipment is the latest design and finishes. The complete assortment gives the dealer an opportunity to adopt (up to date) style for stock and fill in stock to match when parts of complete sets are sold. You will appreciate our service when you give us your orders.

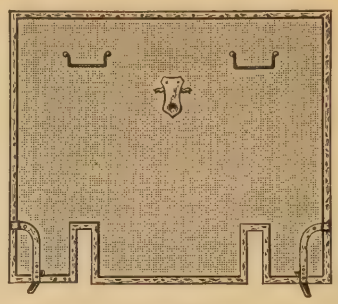
Spark Guards

No. 10641

Heavy iron rod frame, welded joints 6-mesh 23 gauge wire cloth. Brass handles and scroll.

No.	Finish	Width	Height	Depth	Weight each	List Price each
13	Velvet Black (baked on)	37 in.	31 in.	6 in.	13 lbs.	$6.50
13	Velvet Black (baked on)	43 in.	31 in.	6 in.	14 lbs.	6.75
13-B	Velvet Black with Brass Trim (Brassure finish).	37 in.	31 in.	6 in.	13 lbs.	7.50
13-B	Velvet Black with Brass Trim (Brassure finish).	43 in.	31 in.	6 in.	14 lbs.	7.75

Flat Fire Screens



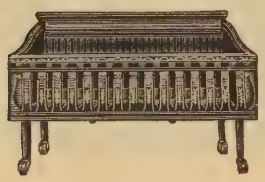
No. 10639

Hammered effect frame. 6 mesh, 23 gauge Black wire cloth.

Finish	Width	Height	Weight	List Price each
Velvet Black	31 in.	31 in.	33 lbs.	$18.00
Velvet Black	37 in.	31 in.	34 lbs.	19.00
Velvet Black	43 in.	31 in.	35 lbs.	22.00
Swedish Black	31 in.	31 in.	33 lbs.	20.00
Swedish Black	37 in.	31 in.	34 lbs.	21.00
Swedish Black	43 in.	31 in.	35 lbs.	24.00
Burnt Antique Brass	31 in.	31 in.	33 lbs.	21.00
Burnt Antique Brass	37 in.	31 in.	34 lbs.	22.00
Burnt Antique Brass	43 in.	31 in.	35 lbs.	25.00

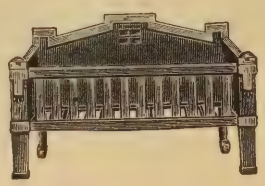
PORTABLE BASKETS

No. 10625



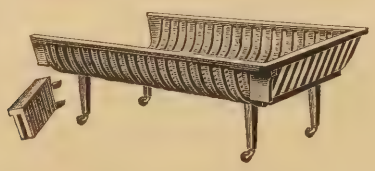
Cast Iron Velvet Black Finish—Dump Bottom. Four legs fitted with casters.

No.	Front	Depth	Back Width	Shipping Weight Lbs.	List Price each
1571-18	18 in.	12 in.	14½ in.	45	$7.50
1571-20	20 in.	12 in.	16½ in.	48	7.70
1571-22	22 in.	12 in.	18½ in.	54	8.10
1571-24	24 in.	12 in.	21 in.	58	8.60
1571-27	27 in.	12 in.	23½ in.	65	9.50



Cast Iron Black Velvet finish. Dump Bottom—casters on rear legs.

No.	Front	Depth	Back Width	Shipping Weight Lbs.	List Price each
1543-20	20 in.	12 in.	16 in.	54	$12.00
1543-24	24 in.	12 in.	19½ in.	61	13.00
1543-26½	26½ in.	12 in.	23 in.	68	14.00
1543-30	30 in.	12 in.	26½ in.	73	15.00



Coal or Wood Basket

Cast Iron, Velvet Black Finish, Removable Ends, Four Legs Fitted with Casters.

No.	Front In.	Depth In.	Width of Back In.	Shipping Wght. Lbs.	List Price each
1584-24	24	15	22½	47	$12.00
1584-27	27	15	25	53	13.00
1584-30	30	15	27½	58	14.00

Cast Iron Velvet Black finish—Dump Bottom. Four legs fitted with casters.

No.	Front	Back Depth	Width	Shipping Weight lbs.	List Price each
1504-18	18 in.	12½ in.	17½ in.	56 lbs.	$8.00
1504-20	20 in.	12½ in.	17½ in.	59 lbs.	8.40
1504-22	22 in.	12½ in.	19½ in.	60 lbs.	8.60
1504-24	24 in.	12½ in.	21 in.	62 lbs.	9.00
1504-27¼	27¼ in.	12½ in.	24 in.	72 lbs.	10.50
1504-30	30 in.	12½ in.	26 in.	78 lbs.	12.00

Genuine Cape Cod Fire Lighter

No. 10630

No apprehension need be felt as to the safety of the Genuine Cape Cod Fire Lighter. The torch ignites slowly and the tankard is tightly covered.

A pint of kerosene is placed in the tankard, and when the torch is not in use it should be left immersed in the kerosene.

To Start a Fire—Light the torch with a match and place under the logs; or, hold a piece of paper under torch as it is removed from the tankard, push both paper and torch under the logs and light the paper. This will ignite the torch. It will burn for about fifteen minutes with a steady flame, which quickly envelops the logs. Before the torch has burned out the logs will be thoroughly kindled, no matter how carelessly they have been laid.

ORIGINAL STYLE

The tankard is made of heavy polished brass with hinged lid. It may be hung at any convenient place under the mantel or elsewhere, or may stand upon the hearth or a shelf. A heavy brass tray is furnished when desired.

Colonial Style

Mission Style

		List Price each
Polished Brass	Tankard and Torch	$4.25
Polished Brass	Tray	1.10
Brush Brass	Complete with tray	5.50
Antique Brass	Complete with tray	5.60
Black and Brass finish	Complete with tray	5.75

(Bodies of tankard and tray glossy black; lid, handle, torch and edge of tray brass finish.)

Extra Torch 1.60

MISSION STYLES

They are handsomely finished and are made in Wrought Iron, Hammered Brass, and Hammered Copper.

		List Price each
Wrought Iron	Complete with tray	$7.50
Hammered Brass	Complete with tray	8.50
Hammered Copper	Complete with tray	8.50
Extra Torch		2.00
Brick only		1.00

The Colonial Style

Made in one piece,

of heavy brass,

polished and lacquered.

Polished Brass.

Complete with tray.

List Price, each

$9.00

Cast Iron Crane and Pot

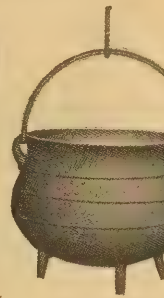
No. 10637

Arm extends 25 in. long.

No. 5, Finish Velvet Black.

Weight 22 lbs. each.

List Price, each....**$10.00**



No. 10638

2-Gallon Pots

No. 2, Finish Velvet Black.

Weight, 18 lbs. each.

List Price, each...... **$5.00**

Wrought Iron Fenders

Cast Iron Posts, Wrought Iron Rails.

No. 10642

No.	Finish	Width Over all	Height Over all	Depth Over all	Height of Rail	Weight each	List Price each
661	Black	41 in.	11 in.	14 in.	7¼ in.	52 lbs.	$19.50
		47 in.	11 in.	14 in.	7¼ in.	52 lbs.	20.00
		54 in.	11 in.	14 in.	7¼ in.	52 lbs.	21.50
661	Swedish	41 in.	11 in.	14 in.	7¼ in.	52 lbs.	23.50
		47 in.	11 in.	14 in.	7¼ in.	52 lbs.	24.00
		54 in.	11 in.	14 in.	7¼ in.	52 lbs.	25.00
661	Burnt Antique Brass	41 in.	11 in.	14 in.	7¼ in.	52 lbs.	24.50
		47 in.	11 in.	14 in.	7¼ in.	52 lbs.	25.00
		54 in.	11 in.	14 in.	7¼ in.	52 lbs.	26.00

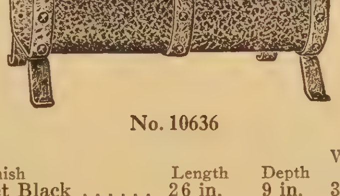
Coal Hods

Finish	List Price each
Velvet Black	$10.00
Swedish	12.00
Burnt Antique Brass	13.00
Polished Brass	24.00

No. 200, Height, 16 in.; Width, 11 in.; Length, 11 in.; Weight, 21 lbs.

No. 10635
Hammered Design

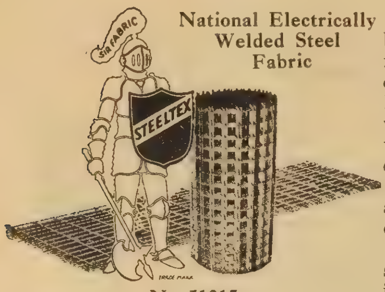
Wood Holders



No. 10636

No.	Finish	Length	Depth	Weight each	List Price each
1564	Velvet Black	26 in.	9 in.	39 lbs.	$19.00
1564	Swedish	26 in.	9 in.	39 lbs.	24.00
1564	Burnt Antique Brass	26 in.	9 in.	39 lbs.	25.00

Reinforcing Fabric



No. 51315

National Electrically Welded Steel Fabric

For reinforcing in buildings, sidewalks, roads, concrete pipe, etc. Rectangular mesh. Furnished plain or galvanized. Special literature furnished upon request. Table below shows standard styles and dimensions of rolls carried in stock. Can be furnished also in flat sheets. Plain or galvanized finish; unless ordered galvanized, plain will be furnished. Width 48-in., 56-in. or 60-in. C-C outside main wires, 1-in. overhang; total width 50-in., 58-in, or 62-in. for 4-in. spacing of main wires. Width, 54-in. or 60-in. C-C outside main wires, 1-in. overhang; total width, 56-in. or 62-in. for 6-in. spacing of main wires. Length of rolls, 125 to 300 lineal feet depending on the weight of style selected. It is recommended that styles with longitudinal wires of No. 3 gauge or heavier be furnished in flat sheets. Usual stock size of rolls 48-in. wide, 150 feet long, 600 sq. ft.

Suggested Uses	Style	Spacing Long.	Spacing Tran.	Gauge of Wire Long.	Gauge of Wire Tran.	Sec. Area Sq. In. per Lin. Ft. Long.	Sec. Area Sq. In. per Lin. Ft. Tran.	Weight per 100 Sq. Ft.
Gunite,	AA 1414	2″	2″	14	14	.030	.030	21
Stucco,	AA 1212	2″	2″	12	12	.052	.052	37
Composition,	TT 1414	3″	3″	14	14	.020	.020	14
Flooring,	TT 1212	3″	3″	12	12	.035	.035	25
Fireproofing,	TT 1010	3″	3″	10	10	.057	.057	41
Etc.	BB 1414	4″	4″	14	14	.015	.015	11
	BB 1313	4″	4″	13	13	.020	.020	14
	BB 1212	4″	4″	12	12	.026	.026	19
	BB 1010	4″	4″	10	10	.043	.043	31
Gunite,	BB 88	4″	4″	8	8	.062	.062	44
Canal Lining,	BB 66	4″	4″	6	6	.087	.087	62
Etc.	BB 44	4″	4″	4	4	.120	.120	85
Sidewalks,	CC 1212	6″	6″	12	12	.017	.017	13
Temperature,	CC 1010	6″	6″	10	10	.029	.029	21
Reinforcing,	CC 99	6″	6″	9	9	.035	.035	25
Ground Floors Etc.	CC 66	6″	6″	6	6	.058	.058	42
Slab	AH 711	2″	16″	7	11	.148	.008	55
Reinforcing,	AH 610	2″	16″	6	10	.174	0.11	65
Etc. (one di-	AH 510	2″	16″	5	10	.202	.011	75
rection only)	AH 49	2″	16″	4	9	.239	.013	89
	AH 38	2″	16″	3	8	.280	.015	104
	AH 28	2″	16″	2	8	.325	.015	119
	AH 17	2″	16″	1	7	.377	.018	139
Slab	TH 711	3″	16″	7	11	.098	.009	38
Reinforcing,	TH 610	3″	16″	6	10	.116	.011	45
Etc. (one di-	TH 510	3″	16″	5	10	.135	.011	52
rection only)	TH 49	3″	16″	4	9	.160	.013	61
	TH 38	3″	16″	3	8	.187	.015	72
	TH 28	3″	16″	2	8	.217	.015	83
	TH 17	3″	16″	1	7	.252	.018	96
	TH 06	3″	16″	0	6	.295	.022	113
Beam	BD 1313	4″	8″	13	13	.020	.010	11
Wrapping,	BD 1214	4″	8″	12	14	.026	.008	12
Fireproofing,	BD 1212	4″	8″	12	12	.026	.013	14
Etc.	BD 1112	4″	8″	11	12	.034	.013	17
	BD 1012	4″	8″	10	12	.043	.013	20
Concrete	BD 912	4″	8″	9	12	.052	.013	23
Pipe, Etc.	BD 812	4″	8″	8	12	.062	.013	27
	BD 711	4″	8″	7	11	.074	.017	33
Slab	BF 1212	4″	12″	12	12	.026	.009	13
Reinforcing,	BF 1112	4″	12″	11	12	.034	.009	16
Driveway,	BF 1012	4″	12″	10	12	.043	.009	19
Etc.	BF 912	4″	12″	9	12	.052	.009	22
	BF 812	4″	12″	8	12	.062	.009	26
	BF 711	4″	12″	7	11	.074	.011	31
	BF 610	4″	12″	6	10	.087	.014	37
	BF 510	4″	12″	5	10	.101	.014	42
	BF 49	4″	12″	4	9	.120	.017	49
Slab	BH 711	4″	16″	7	11	.074	.008	30
Reinforcing,	BH 610	4″	16″	6	10	.087	.011	35
Walls,	BH 510	4″	16″	5	10	.101	.011	40
Etc.	BH 49	4″	16″	4	9	.120	.013	48
	BH 38	4″	16″	3	8	.140	.015	56
	BH 28	4″	16″	2	8	.162	.015	64

Prices and complete information as to proper style of various slab thickness, span and load requirements will be gladly furnished upon application.

Steeltex for interior plaster or stucco base and Steeltex for flooring see page 4.

Reinforcing Bars

Reinforcing Bars Plain or Deformed are all made from new Billet Steel conforming to Standard specifications of the American Society of Testing Materials. Structural Grade shipped unless otherwise ordered.

CONCRETE REINFORCING, ENGINEERING AND FABRICATIONS

Our engineering department is well equipped to design and furnish complete reinforcing steel layouts; to make lump sum estimates from plans, or to quote pound price on lists of Bars of Fabric.

Our shop will cut to specified length and bend to any required dimension—material bundled and tagged ready to place in the job.

Deformed Rounds

No. 50201

Dia. Size Inches	Weight per Ft. lbs.	Area Sq. Inches	Perimeter in Inches	Size Extra
⅜	0.38	0.11	1.23	**$0.40**
½	0.66	0.19	1.66	**.20**
⅝	1.05	0.30	2.10	**.10**
¾	1.52	0.44	2.53	**Base**
⅞	2.06	0.60	2.95	**Base**
1	2.69	0.78	2.36	**Base**

Cut to lengths 2 feet and over without extra charge.

Prices on Application

Deformed Squares

No. 50202

Dia. Size Inches	Weight per Ft. lbs.	Area Sq. Inches	Perimeter in Inches	Size Extra
½	0.86	0.25	2.00	**$0.20**
⅝	1.35	0.39	2.50	**.10**
¾	1.94	0.56	3.00	**Base**
1	3.43	1.00	4.00	**Base**
1⅛	4.34	1.26	4.50	**Base**
1¼	5.35	1.55	5.00	**Base**

Cut to lengths 2 feet and over without extra charge.

Prices on Application.

Plain Reinforcing Bars—Round

No. 50203

Rolled according to A.S.T.M. specifications for concrete reinforcing bars.

Dia. Size Inches	Weight per Foot lbs.	Net Extra for Size	Stock Length Feet
¼	0.167	1.00	20
5/16	0.261	.70	20
⅜	0.376	.40	20
½	0.668	.20	20
⅝	1.04	.10	20
¾	1.50	Base	20
⅞	2.04	Base	20
1	2.67	Base	20
1⅛	3.88	Base	20
1¼	4.17	Base	20
1⅜	5.05	Base	20
1½	6.00	Base	20

Prices on Application.

Beam and Channel Clips

In order to prevent concrete fireproofing from cracking and falling off, wire clips are used on the bottom of structural steel members. Clips are generally furnished electrically welded, 11½-in. apart, to a longitudinal spacing wire 5 feet long; and packed 50 pieces (250 ft.) per bundle. In ordering Beam Clips give size of flange.

Beam Clips

No. 50310

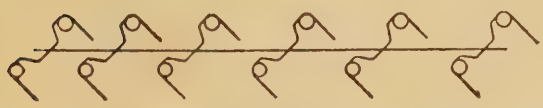
3 in to 8 in. List price, 100 lineal ft.	**$2.80**
9 in. to 15 in. List price, 100 lineal ft.	**4.55**
16 in. to 20 in. List price, 100 lineal ft.	**6.05**

Channel Clips

No. 50311

For channel clips give size of channel.

All sizes. List price, 100 lineal ft. **$4.55**

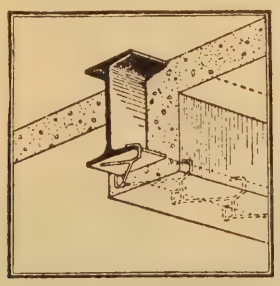


ECONOMY ON LONGITUDINAL WIRE

No. 50312

For Flanges 3 to 8 in. List price, 100 lineal ft.	**$3.60**
For Flanges 9 to 15 in. List price, 100 lineal ft.	**5.70**
For Flanges 16 to 20 in. List price, 100 lineal ft.	**7.90**

250 Ft. in a Bundle



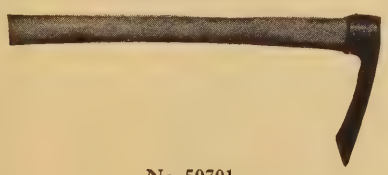
WHITE CLIPS

No. 50313

No. 12 Galvanized Wire, 8 ft. long.

List Price 100 Lineal Ft. **$4.00**

Mesh Hammer

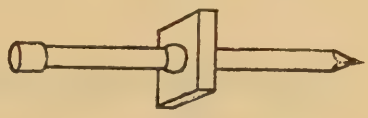


No. 50701

Malleable Iron with Handle. Length 8 in. Width of Beading Edge 2¾ in. Length of handle 29 in. Weight each with handle, 3 lbs.

List Price Each **$4.50**

Form Spacers



No. 50610

	List Price per 1,000
For 1½—1¾ or 2 in. Fireproofing	**$13.00**
For 2½—3 in. Fireproofing	**15.00**

Wire Hangers

No. 50320

Used in connection with the temporary forms for reinforced concrete work. Made of No. 6-8 or 9 wire according to the kind and amount of concrete they are to carry.

Beam and Girder Hangers support the forms for intermediate beams. May be furnished in straight pieces, cut to required length with bottom bend, or with top and bottom bends.

The width of Beam Hangers is determined by the width of the supports used on the forms generally 1-in. or 2-in., and the length is governed by the size of the beam. Three inches is generally allowed for hooking over the flange.

Scafford Hangers are used for hanging girder forms. These are usually furnished in straight pieces of required length, the width being governed by the size of the steel girder in ¼-inch or No. 3 wire.

Prices on application.

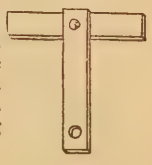
Beam and Slab Hooks

No. 50413

Plain Iron 1½ in. wide, ⅛ in. thick.

Overall Length	List Price Per 100
4 to 8 in.	**$10.50**
10 in.	**21.50**
12 in.	**32.00**

Toggle Hangers



TOGGLE HANGERS are 7 inches long. They are used in the erection of suspended ceilings, one end being imbedded in the concrete and the other end hanging down to the desired length, so that the furring for the ceiling can be attached. Can be supplied in the following finishes:

No.		
50410	Plain ..... List price, each	**$0.13**
50411	Painted ..... List price, each	**.14**
50412	Galvanized ..... List price, each	**.19**

These Toggle Hangers can be furnished with longer drop. Prices quoted upon request.

Curb Bar

No. 50401

Periphery 1⅜ in. on the arc.

Curb bar and edge protectors are used for protecting the upper outside corner of a concrete curb with a satisfactory steel plate. The curb becomes superior in appearance and more wear-resisting. Ample width and thickness of exposed edge plate which is beveled to prevent any possibility of a feather edge forming at junction of concrete and plate. Plate surrounds and protects the corner without splitting the concrete into two portions. Absolute anchorage to the concrete unit of plate and anchors, both formed from the same section of steel.

		—List Prices—		
	Weight Ft.	Less 1M Ft.	1M-5M Ft.	Over 5M Ft.
Galvanized	1.33 lb.	**20c**	**19c**	**18c**

Furnished in 8, 10 and 12 ft. lengths.

Net Prices on application, specify quantity.

Edge Protectors

No.50402

1 in. Steel Protection Edge for exposed corners.

The same general principle of design as the curb bar. Can be used for concrete curbs but its real work is for the protection of columns, concrete steps and interiors.

Edge Protectors are rigidly anchored into the concrete so that all shocks are distributed throughout the concrete mass.

		—List Prices—		
	Weight Ft.	Less 1M Ft.	1M-5M Ft.	Over 5M Ft.
Galvanized	1.05 lb.	**19c**	**18c**	**17c**

Furnished in 8, 10 and 12 ft. lengths.

Net prices on application. Specify quantity.

Plain Squares

No. 50204

Structural Grade

Dia. Size Inches	Weight per Foot Lbs.	Net Extra for Size	Stock Lengths Feet
¼	0.213	1.00	18-20
⅜	0.478	.40	18-20
½	0.85	.20	18-20
⅝	1.33	.10	18-20
¾	1.91	Base	18-20
1	3.40	Base	18-20
1⅛	4.30	Base	18-20
1¼	5.31	Base	18-20

Prices on Application.

Plain Rounds

No. 50203

Structural Grade

Dia. Size Inches	Weight per Foot Lbs.	Net Extra for Size	Stock Lengths Feet
¼	0.167	1.00	18-20
5/16	0.261	.70	18-20
⅜	0.376	.40	18-20
7/16	0.511	.30	18-20
½	0.668	.20	18-20
⅝	1.04	.10	18-20
¾	1.50	Base	18-20
⅞	2.04	Base	18-20
1	2.67	Base	18-20
1⅛	3.38	Base	18-20
1¼	4.17	Base	18-20
1⅜	5.05	Base	18-20
1½	6.00	Base	18-20
1¾	8.18	Base	18-20
2	10.68	Base	18-20

Prices on Application.

The Curry Tyer and Ties

For binding reinforcing rods in concrete construction with speed and security. The Curry Tyer absolutely guarantees the uniformity and security of the tie by developing an exact number of twists in each operation. The ties are supplied in various lengths with loop ends. The hook on the Tyer is put into the loop and one pull ties the bars securely in place. All ties 16 gauge wire. Also used for Cement Bags, Money Bags and other containers.

Spiral Type Tyer

No. 50410

List Price, each **$5.80**

Spring Return Tyer

No. 50411

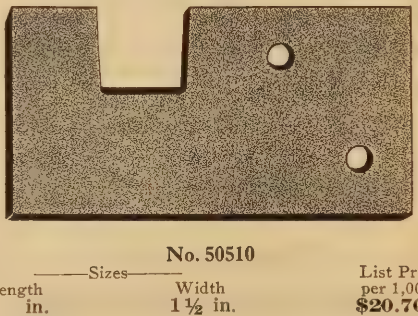
List Price, each **$7.50**

No. 50412. Length of Ties for Various Bars Supplied in coils of 5000 Ties.

Size of Bars	For Round Bars	List Per 1000 Pieces	For Square, Twisted or Corrugated	List Per 1000 Pieces
¼ and ¼ in.	3 in. tie	**$2.60**	3½ in. tie	**$2.60**
¼ and ⅜ in.	3½ in. tie	**2.60**	4 in. tie	**2.60**
¼ and ½ in.	4 in. tie	**2.60**	4½ in. tie	**2.60**
⅜ and ⅜ in.	4 in. tie	**2.60**	4½ in. tie	**2.60**
¼ and ⅝ in.	4½ in. tie	**2.60**	5½ in. tie	**2.60**
⅜ and ½ in.	4½ in. tie	**2.60**	5½ in. tie	**2.60**
⅜ and ⅝ in.	4½ in. tie	**2.60**	5½ in. tie	**2.60**
½ and ½ in.	4½ in. tie	**2.60**	5½ in. tie	**2.60**
⅜ and ¾ in.	5 in. tie	**2.60**	6 in. tie	**2.60**
½ and ⅝ in.	5 in. tie	**2.60**	6 in. tie	**2.60**
½ and ¾ in.	5½ in. tie	**2.60**	6½ in. tie	**2.77**
⅝ and ⅝ in.	5½ in. tie	**2.60**	6½ in. tie	**2.77**
½ and 1 in.	6 in. tie	**2.60**	7 in. tie	**2.94**
¾ and ¾ in.	6 in. tie	**2.60**	7 in. tie	**2.94**
¾ and 1 in.	7 in. tie	**2.94**	8 in. tie	**3.27**
⅞ and ⅞ in.	7 in. tie	**2.94**	8 in. tie	**3.27**
1 and 1 in.	8 in. tie	**3.27**	10 in. tie	**3.93**
1¼ and 1¼ in.	10 in. tie	**3.93**	11 in. tie	**4.22**

Sleeper Clips

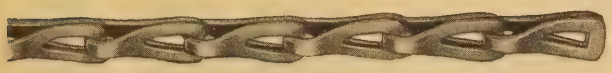
Heavy Steel



No. 50510

—Sizes— Length	Width	List Price per 1,000
2 in.	1½ in.	**$20.70**
2½ in.	1½ in.	**22.78**
3 in.	1½ in.	**26.88**
3½ in.	1½ in.	**29.88**
4 in.	1½ in.	**33.60**
4½ in.	1½ in.	**37.62**
5 in.	1½ in.	**41.08**
5½ in.	1½ in.	**45.84**
6 in.	1½ in.	**46.90**
6½ in.	1½ in.	**50.40**
7 in.	1½ in.	**52.26**
7½ in.	1½ in.	**54.14**
8½ in.	1½ in.	**59.72**
9½ in.	1½ in.	**64.40**

Sash Chain



Our Steel Sash Chains are made from Cold Rolled Steel, specially manufactured for this purpose, and are strictly high grade in every respect.

Furnished in Red Metal, Brass, Coppered and sherardized finishes.

Red Metal

No. 60313

No.	Gauge	Tensile Strength	Recommended For Sash Weighing	List Price per 1,000 Ft.
A	0.54	750 lbs.	Not over 400 lbs.	**$84.00**
A30	.048	700 lbs.	Not over 350 lbs.	**79.50**
1	.042	620 lbs.	Not over 250 lbs.	**58.50**
2	.032	400 lbs.	Not over 150 lbs.	**49.50**
0	.028	250 lbs.	Not over 100 lbs.	**42.00**
00	.35	250 lbs.	Not over 100 lbs.	**42.00**

Brass

No. 60314

No.	Gauge	Tensile Strength	Recommended For Sash Weighing	List Price per 1,000 Ft.
A	.054	750 lbs.	Not over 400 lbs.	**$78.00**
A30	.048	700 lbs.	Not over 350 lbs.	**74.25**
1	.042	620 lbs.	Not over 250 lbs.	**54.38**
2	.032	400 lbs.	Not over 150 lbs.	**46.50**
0	.028	250 lbs.	Not over 100 lbs.	**39.00**
00	.035	250 lbs.	Not over 100 lbs.	**36.00**

Coppered

No. 60311

No.	Gauge	Tensile Strength	Recommended For Sash Weighing	List Price per 1,000 Ft.
A	.054	750 lbs.	Not over 400 lbs.	**$40.25**
A30	.048	700 lbs.	Not over 350 lbs.	**33.75**
1	.042	620 lbs.	Not over 250 lbs.	**27.00**
2	.032	400 lbs.	Not over 150 lbs.	**23.25**
0	.028	250 lbs.	Not over 100 lbs.	**21.00**
00	.035	250 lbs.	Not over 100 lbs.	**19.50**

Sherardized

No. 60310

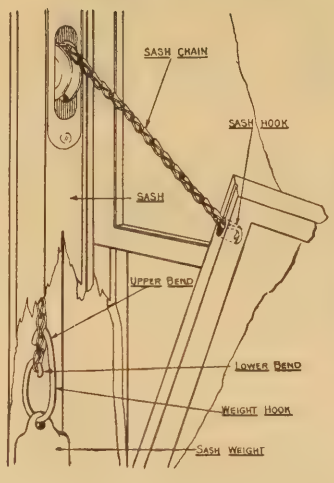
We recommend sherardized finish in preference to galvanized finish, as giving more satisfactory results.

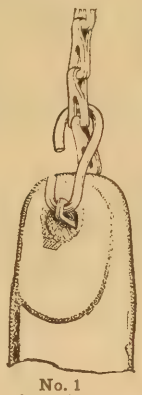
No.	Gauge	Tensile Strength	Recommended For Sash Weighing	List Price per 1,000 Ft.
A	.054	750 lbs.	Not over 400 lbs.	**$39.00**
A30	.048	700 lbs.	Not over 350 lbs.	**37.50**
1	.042	620 lbs.	Not over 250 lbs.	**29.25**
2	.032	400 lbs.	Not over 150 lbs.	**24.75**
0	.028	250 lbs.	Not over 100 lbs.	**21.75**
00	.035	250 lbs.	Not over 100 lbs.	**20.25**

500 feet on a steel reel, specially constructed for the purpose.

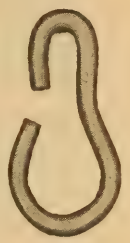
Sash Chain Fixtures

No. 60320

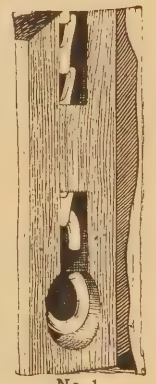




No. 1
in Weight



No. 8



No. 1
in Sash

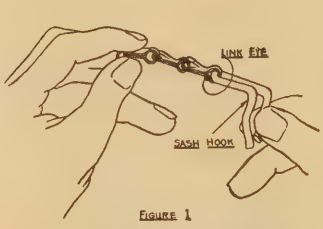


FIGURE 1

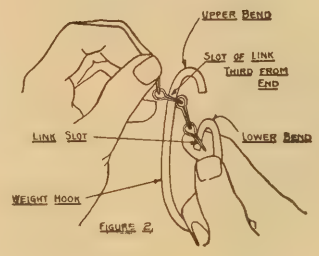
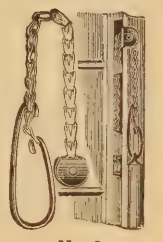


FIGURE 2



No. 3

Directions for assembling Sash and Hook Weight Attachments

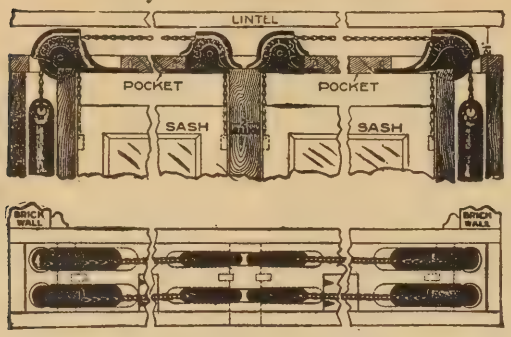
List Price Per Set

No. 8. For No. 00 Sash Chain..... **$0.12**
NOTE—200 pieces in a paper box, furnished free, with each 500 ft. No. 00 Sash Chain, 8 pieces used to each double hung sash.

No. 1. For No. 0, 1 and 2 Sash Chain..... **.14**
12 sets in a paper box. Set consists of 4 weight hooks and 4 sash hooks or the number of pieces used to each double hung sash.

No. 3. For extra heavy sash where No. 3 Sash Chain is used..... **.18**
Can be used for Nos. 0, 1 and 2 Sash Chain. 1 dozen sets in a paper box. Set consists of 4 weight hooks, 4 wire rings and 4 irons or the number of pieces used to each double-hung sash.

Pulleys for Twin Windows



Grant Pulleys for Twin Windows

No. 61653

Use sash chain with above pulleys.

Price List for Plain Axle Bearing.

	Lacquered Iron Face	Bronze Plated Face	Polished Bronze Metal Face
No. 4—2 in. Single Wheel....List Price per doz.	$4.00	$ 6.00	$ 8.00
No. 5—2½ in. Double Wheel...List Price per doz.	8.00	12.00	16.00
Set of eight pulleys, as in cut (Weight 8 lbs.).....	4.00	6.00	8.00
No. 254—2½ in. Single Wheel..List Price per doz.	6.00	8.00	10.00
No. 305—3 in. Double Wheel. List Price per doz.	12.00	16.00	20.00
Set of eight pulleys (Weight 11¼ lbs.....	6.00	8.00	10.00

Heights of Housings

No. 4.....2⅝ inches No. 254.....3⅜ inches
No. 5.....2¾ inches No. 305.....3 inches

Prices for Roller Bearing Axle and Ball Bearing Steel Bushing Pulleys and on Pulleys Plain, Roller or Ball Bearing for triplet and quadruple windows furnished on application.

Lee Cast Iron Sash Pulleys

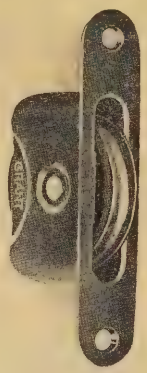
No. 61650

Showing construction of Roller-bearing wheels.
Made with Combination Groove to fit either Cord or Chain.

No.	Wheel Inches	Size of Exposed Face Inches	LIST PRICES PLAIN BEARING	List Price per Dozen
2501	2½	1¼x5⅞ in.	All Cast Iron, Lacquered Face.....	$2.00
2502	2½	1¼x5⅞ in.	Brass Plated Face, Cast Iron Wheel...	3.00
2503	2½	1¼x5⅞ in.	Bronze Plated Face, Cast Iron Wheel..	3.00
2504	2½	1¼x5⅞ in.	Brass Face, Cast Iron Wheel.....	3.95
2505	2½	1¼x5⅞ in.	Bronze Face, Cast Iron Wheel.....	4.20
For Roller Bearing, add to List				.50
For Ball Bearing, Steel Bushed, add to List				3.00
For Ball Bearing, without Steel Bushings, add to List				1.65
For Brass Wheel, add to List				4.35
For Bronze Wheel, add to List				4.85
For Steel Bushings (for use with Roller Bearing on Plain Axle, Brass and Bronze Wheels), add to List				1.50

Packed one dozen in a box, with Screws to match.
When ordering give number of pulley and state bearing required.
Weight per dozen, 11½ lbs.

All Steel Sash Pulleys



No. 61650

Plain Axle Steel bushed only.
Combination groove to fit either cord or chain.

No. 2—Steel Pulley—Face 1x4¼ in. List Price per doz. **$1.12**
No. 3—Steel Pulley—Face 1x4½ in. List Price per doz. **1.12**

Sold in case and one-half case lots in bulk without screws.
Case contains 100 dozen. ½ case 50 dozen.

These steel pulleys are finished in Rust Resisting Enamel, baked at a high temperature. They are light in weight, of sturdy construction and there is no breakage in shipping or handling.

Lee Cast Iron Sash Pulleys

No. 61650

Showing construction of self-contained Ball-bearing steel bushed. Made with Square Groove to fit Chain.

No.	Wheel Inches	Size of Exposed Face Inches	LIST PRICES PLAIN BEARING	List Price per Dozen
3001	3	1⅜x6 15/16 in.	All Cast Iron, Lacquered Face....	$2.85
3002	3	1⅜x6 15/16 in.	Brass Plated Face, Cast Iron Wheel	4.10
3003	3	1⅜x6 15/16 in.	Bronze Plated Face, Cast Iron Wheel	4.10
3004	3	1⅜x6 15/16 in.	Brass Face, Cast Iron Wheel.....	5.85
3005	3	1⅜x6 15/16 in.	Bronze Face, Cast Iron Wheel.....	6.40
For Roller Bearing, add to List				.50
For Roller Bearing, Steel Bushed, add to List				3.00
For Ball Bearing, without Steel Bushings, add to List				1.65
For Brass Wheel, add to List				5.90
For Bronze Wheel, add to List				6.70
For Steel Bushings (for use with Roller Bearing or Plain Axle, Brass and Bronze Wheel), add to List				1.50

Packed one dozen in a box with Screws to match.
When ordering give number of pulley and state bearing required.
Weight per dozen, 17 lbs.

Sectional Sashweights

No. 61950

Used in the construction of large modern buildings employing plate glass and fire-proof steel windows. Made of Cast Iron, in five standard sections, 7-8-9-10 lbs. Provided with a unique hanging device whereby they may be securely attached to the chain and suspended in the sash box with the least possible loss of time. The hanger is of the double loop type, and allows the weight to be drawn up close to the pulley. They are constructed with interlocking ends which are strong and positive and are designed to prevent any possibility of disconnection from jar, twist or jolt. Carried in stock in 2-inch and 2¼-inch square. Can also be supplied to order in special sizes.

Size	List Price, per Ton
2 in. x 2 in.	**$85.00**
2¼ in. x 2¼ in.	**85.00**

Weight required. Combination of Units.
Standard Sizes of Units.............2x2 in. 2¼x2¼ in.

Lbs.	7 lb.	8 lb.	9 lb.	10 lb.	Length of Combinations —inches— 2x2 in.	2¼x2¼ in.
14	2				15⅞	13½
15	1	1			16¾	14⅜
16		2			17¾	15
17		1	1		18¾	15¾
18			2		19¾	16⅝
19			1	1	20¾	17¼
20				2	21¾	18⅛
21	3				22⅞	19¼
22	2	1			23¾	20⅛
23	1	2			24¾	20¾
24		3			25¾	21⅝
25		2	1		26¾	22¼
26		1	2		27¾	23
27			3		28⅝	23⅞
28		1		2	29¾	24½
29			1	2	30¾	25¼
30				3	31¾	26
31	1	3			32¾	27⅜
32		4			33¾	28⅛
33		3	1		34⅝	28¾
34		3		1	35¾	29½
35		1	3		36¾	30¼
36		2		2	37¾	31
37		1	1	2	38⅝	31¾
38		1		3	39¾	32½
39			1	3	40¾	33¼
40				4	41¾	34
41		4	1		42⅝	35⅜
42		3	2		43⅝	36⅛
43		2	3		44½	36⅞
44		1	4		45⅝	37½
45				5	46½	38¼
46		2		3	47⅝	39⅛
47		1	1	3	48⅝	39⅞
48		1		4	49⅝	40½
49			1	4	50⅝	41¼
50				5	51⅝	42
51		4	1	1	52½	43⅜
52		3	2	1	53½	44¼
53		3	1	2	54½	44¾
54		3		3	55½	45⅜
55		2	1	3	56½	46⅛

Weight required. Combination of Units.
Standard Sizes of Units: 2 x 2 in.; 2¼ x 2¼ in.

Lbs.	7 lb.	8 lb.	9 lb.	10 lb.	Length of Combinations —inches—	
56		2		4	57⅝	47
57		1	1	4	58½	47¾
58		1		5	59½	48½
59			1	5	60⅝	49¼
60				6	61½	50
61		4	1	2	62½	51⅜
62		4		3	63½	52
63		3	1	3	64½	52¾
64		3		4	65½	53½
65		2	1	4	66½	54¼
66		2		5	67½	55
67		1	1	5	68½	55¾
68		1		6	69½	56½
69			1	6	70½	58
70				7	71½	59¼
71		4	1	3	72½	59⅞
72		4		4	73½	60⅝
73		3	1	4	74½	61½

Lead Sash Weight

No. 61953

Made to Order, Round or Square.
Estimate Weight Per Foot

Diameter	Round	Square
2 in.	15½ lbs.	19¾ lbs.
2½ in.	24 lbs.	33¾ lbs.
3 in.	34¾ lbs.	44¼ lbs.
3½ in.	47½ lbs.	60½ lbs.

Prices on Application.

Round Sashweights

No. 61951

Made of cast iron, from two pounds to fifteen pounds in one-half pound steps. Can also be made in larger sizes on special order. All these weights are true to weight, smoothly finished.

List Price, per ton.............................. **$60.00**

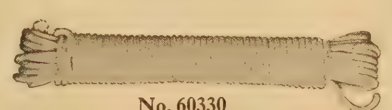
Round Cast Iron Buttons or Washers

No. 61952

Used to increase weight. Made in one size only. 1¾ in. diameter, ¾ in. thick. Size of hole ⅝ in. x 7/16 in. Weight ½ lb. each.

List Price, per ton.............................. **$60.00**

Sash Cord



No. 60330

All hanks are guaranteed to contain 100 feet, in one piece. Put up in hanks, 100 feet each, two connected, one dozen hanks (1200 feet) in a package.

Numbers	6	7	8	9	10	12
Diameter—Inches	3/16	7/32	¼	9/32	5/16	⅜
Feet to the pound	66	55	44	36	27	20
Suitable for weights—less than pounds	10	10-15	15-25	25-35	35-45	45-60
Min. Diam. of pulley allowable	1½	1¾	2	2¼	2½	3

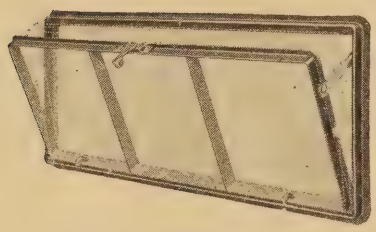
Quality A, Prices on application.
Quality B, Prices on application.

VENTILATING BASEMENT WINDOWS

No. 62301

WITH PUTTY AND PUTTYLESS

The Steel Window that has Modernized the Basement



Top Ventilating
Nos. 721-725, 731-735

Bottom Ventilating
Nos. 701-705, 711-715

The modern basement is flooded with light and fresh air—every square foot of space is usable. No longer a dark, dingy cellar, it's a cheerful, homey, convenient work room and play room, too, made so by basement windows of steel.

Steel gives solid construction, yet permits of narrow bars and frames which admit 80 per cent more daylight. Steel cannot rot or warp. Steel windows never stick, never rattle, always open easily and when open give more ventilation. They are fire resistant, their locks and hinges give greater security, they last as long as the building.

Copper Steel Basement Windows, made in four types, have all of these advantages. Their solid one-piece frames, formed from copper steel give extra strength. They have many new and exclusive features.

The window opening from the top acts as a continuous ventilator by carrying off foul air and pouring in fresh air—all without creating draft.

The supporting arm is automatic, dropping the window into two positions.

When the window is closed, the arm folds entirely out of sight.

The window opening from the bottom with its hinges at the top, locks at the bottom with lock convenient to reach and easy to operate.

A positive lock is on all windows and is simple and unbreakable.

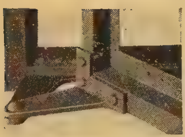
Perfect contact—steel against steel—and the integral drip makes the window storm proof and leak proof. The ventilators can be easily taken out for glazing or cleaning when open either all way up or down.

Style					
Bottom Ventilating	Top Ventilating	Type	Masonry Opening	Weight Each	List Price Each
		WITH PUTTY			
701	721	3 lt. 10x12 in.	15 ¼ x32 ¾ in.	18 lb.	**$2.95**
702	722	3 lt. 10x18 in.	21 ¼ x38 ¾ in.	23 lb.	**3.25**
703	723	3 lt. 10x20 in.	23 ¼ x32 ¾ in.	22 lb.	**3.25**
704	724	2 lt. 14x20 in.	23 ¼ x33 ⅜ in.	20 lb.	**3.05**
705	725	3 lt. 10x14 in.	17 ¼ x32 ¾ in.	20 lb.	**3.05**
		PUTTYLESS			
711	731	3 lt. 10x12 in.	15 ¼ x32 ¾ in.	18 lb.	**$3.25**
712	732	3 lt. 12x18 in.	21 ¼ x38 ¾ in.	23 lb.	**3.60**
713	733	3 lt. 10x20 in.	23 ¼ x32 ¾ in.	22 lb.	**3.60**
714	734	2 lt. 14x20 in.	23 ¼ x33 ⅜ in.	20 lb.	**3.40**
715	735	3 lt. 10x14 in.	17 ¼ x32 ¾ in.	20 lb.	**3.40**

Fenestra CASEMENT Windows

No. 62302

Superior Construction



The Fenestra extension hinge

The welded Fenestra joint

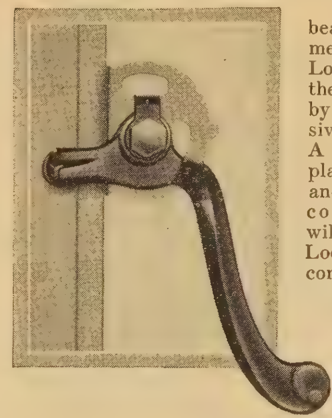
Double contact of swing leaf with frame

Solid steel extension hinges are equipped with bronze hinge pins accurately fitted into flanged, bronze bushings. Thus, there is a bronze-to-bronze bearing for all moving parts. Permanent, free operation is insured.

Both the framing bars enclosing the Fenestra Casement as a whole, and those forming the swing leaf framework, are solid steel, Z-shaped to give maximum strength. The corners are electrically butt-welded into one continuous piece. Solid steel muntin bars, continuous from head to sill and from jamb to jamb, interlocked, give added rigidity.

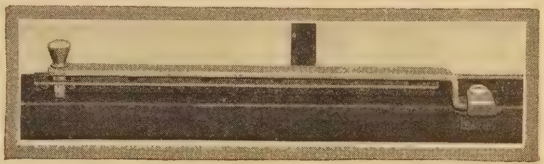
The swing leaf has a double-flat contact all the way around against the fixed frame of the Fenestra Casement. The Z-bar of the swing leaf shuts tightly against the Z-bar of the frame, creating a dead air column. In locking, the head of the handle is drawn over a raised, bronze strike-plate. This cam action of the locking handle draws up the swing leaf to the frame under increasing pressure. The window is literally clamped shut. Numerous tests have proved Fenestra Casements are as tight as wood windows weather-stripped.

Hardware and Fittings

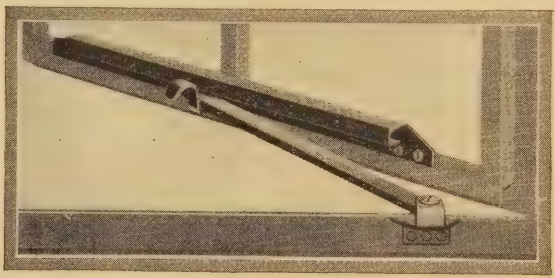


Hardware of distinctive beauty sets the Fenestra Casement in a class apart. The Locking Handle is attached to the decorative Handle Bracket by a hexagonal bolt and exclusive Fenestra Friction Clevis. A Lock Washer (right) is placed between head of bolt and the Clevis, so that long-continued operation will not cause the Locking Handle to become loose.

Fenestra offers a choice of several operators, including the Sliding Stay and the Peg-and-Stay. With any of these operators, the swing leaf may be opened and held at any desired angle, to deflect the breeze into the room.



Above, the peg-and-stay operator; below, the sliding stay operator. Optional—both are standard



Combinations of Units

Heights

Standard Heights	Panes High	Units High	Panes High Per Unit	Hor. Mull.
2 ft. 3¼ in.	2	1	2	0
3 ft. 3½ in.	3	1	3	0
4 ft. 3¾ in.	4	1	4	0
4 ft. 6⅝ in.	4	2	2, 2	1
5 ft. 4 in.	5	1	5	0
5 in. 6⅞ in.	5	2	3, 2	1
6 ft. 7⅛ in.	6	2	3, 3	1
6 ft. 7⅛ in.	6	2	4, 2	1
7 ft. 7⅜ in.	7	2	4, 3	1
8 in. 7⅝ in.	8	2	4, 4	1

Widths

Standard Widths	Panes Wide	Units Wide	Panes Wide Per Unit	Vert. Mull.
1 in. 7 5/16 in.	2	1	2	0
3 ft. 1 7/16 in.	4	1	4	0
3 ft. 2¾ in.	4	2	2, 2	1
4 ft. 7½ in.	6	1	6	0
4 ft. 10 3/16 in.	6	3	2, 2, 2	2
6 ft. 3 in.	8	2	4, 4	1
6 ft. 4 5/16 in.	8	3	2, 4, 2	2
6 ft. 5⅝ in.	8	4	2, 2, 2, 2	3
7 ft. 10⅜ in.	10	3	2, 6, 2	2
7 ft. 10 7/16 in.	10	3	4, 2, 4	2
8 ft. 1 1/16 in.	10	5	2, 2, 2, 2, 2, 2	4

Casement Mullions, Head Drip, Special Hardware, Putty and Mastic

Vertical and Horizontal Mullions are available for combining two or more casement windows in one wall opening. A Head Drip is recommended for certain types of casements installed under certain conditions.

Standard hardware, supplied without extra cost, includes iron stay (operator) and locking handle. Special fittings, including bronze hardware and Under Screen Operators of various types and finishes, are available at extra cost.

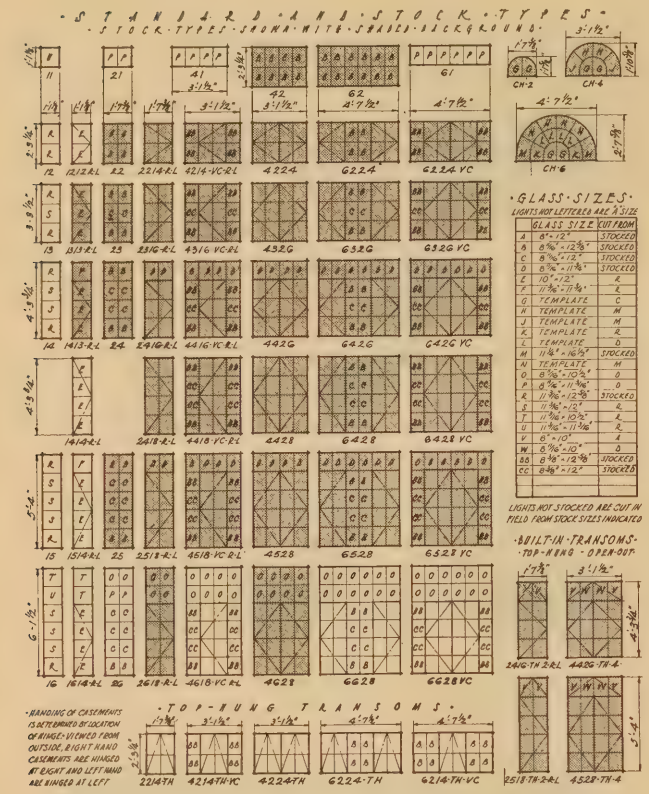
Steel window Putty should be used for glazing. One pound of Mastic per 10 lineal feet of head, sill and jamb is supplied without charge.

Send us your specifications for our prices.

Fenestra CASEMENT Windows

No. 62302

for Houses, Apartments, Store Fronts, Filling Stations, etc.

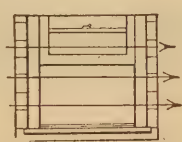


In modern home building, the tendency is toward the use of the factory-built unit: First, because this insures uniform high quality; second, because factory-built units cost less; third, because less work is left to be done on the job. Fenestra Casements are factory-built and reach the job complete.

Advantages to Owner and Builder

1. Fenestra Casements are as convenient as they are artistic. For example, their extension hinges permit washing upon the outside from within the room.
2. Being made from bars of solid steel, they won't burn; never warp, swell, shrink or splinter. They always open and close easily.
3. The ventilator of a Fenestra Casement closes against the frame with a wide, flat, double contact all the way around. The locking handle has a cam action and clamps the window shut. By actual test, Fenestra Casements are as tight as double hung wooden windows weather-stripped.
4. The Fenestra Casement offers control of ventilation: When the wind is directly toward the window, the swinging sections may be opened wide to admit the air; when it is blowing parallel to the walls of the house, one leaf open at an angle will deflect the breeze inside.
5. As compared to wood windows, Fenestra Casements admit more light through the same size wall openings, or the same amount of light through smaller openings, thus providing more wall space.
6. All Fenestra Casements are screened on the inside. This prolongs the life of the screens, keeps the windows cleaner and protects curtains and draperies.
7. The Fenestra Casement is a complete window (sash and frame in one). It reaches the job assembled (hardware separate) and primed with one coat of paint. It saves installation time and labor.
8. Fenestra Casements are easily and quickly installed in any type of construction—brick, brick veneer, stucco, stone, cement block, tile or wood.
9. Fenestra's patented, interlocking joint insures maximum strength and durability: the horizontal bars are threaded through the vertical bars with 80 per cent of the steel retained. Compare this with the loss of 50 per cent of the metal in each bar when the mitered joint is used.
10. Because Fenestra windows are produced in volume by America's oldest and largest steel window manufacturer, their cost is very low.

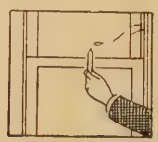
Fenestra Casements (below) admit about 20% more light than wood windows (above) having the same overall size



The extended swing-leaf (below) of the Fenestra Casement deflects into the room any breeze that may be blowing parallel to the walls.

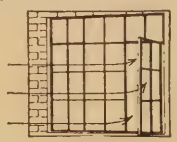
Fenestra Casements (below) are cleaned on the outside from the inside—no sitting backward on the sill.

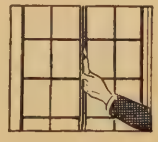
Fenestra Casements (below) always open easily, because their steel bars never warp, swell or shrink.



Scientific design and accurate workmanship make Fenestra Casements (below) close snugly tight.

Inside screen (below), protecte from rust and dir keep dainty curtai clean, and nee never be removed

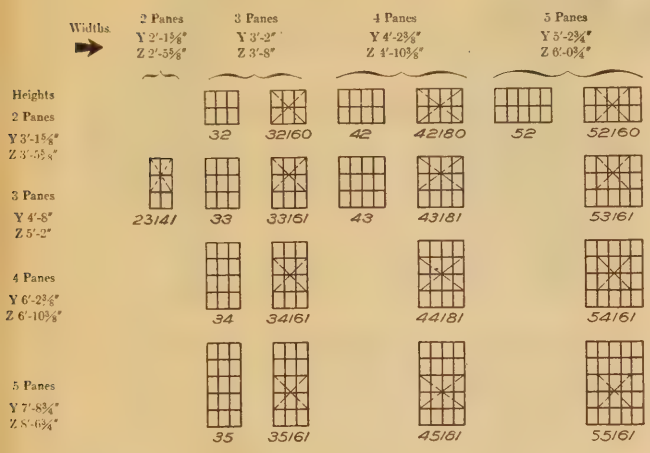




Send us your specifications for our prices.

Fenestra SIDEWALL Windows

No. 62304



Mullions and Putty

Vertical Mullions for joining two or more units in one wall opening are available for stock Sidewall windows. Be sure to specify whether mullions for Y-sash (12 in. x 18 in. glass) or Z-sash (14 in. x 20 in. glass) are wanted, and give heights of windows to be joined; viz., 2 lights high, 3 lights high, etc.

Steel Sash Putty, obtainable at glass and paint stores, should be used. Or it may be obtained from us in 25 lb., 50 lb. and 100 lb. tins. Figure ½ lb. of putty per square foot of window.

The Fenestra Utility Window

The Fenestra Utility window is specially designed for small buildings, such as private garages, filling stations, shops, stores and basements high above the grade; also for barns, granaries, implement sheds, poultry and hoghouses.

It offers all the advantages of steel window construction: more daylight and ventilation, greater ease of operation, protection against fire, theft and the weather. When closed, a cam latch falls into place and automatically locks the ventilator.

Handily installed in all types of construction, the Fenestra Utility window fits concrete blocks exactly—2½ blocks wide and 6 blocks high with a sill.

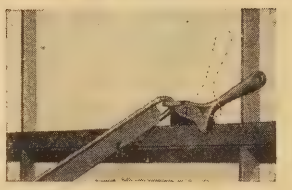
Width, 3 ft. 4½ in.
Height, 3 ft. 7½ in.
Glass, 2 lts, 13 in. x x20 in.;
4 lts, 12 in. x 20 in.

Send us your specifications for our prices.

Superior Construction

The Fenestra Joint. The Fenestra joint is a patented interlocking of the vertical with the horizontal muntins so that 80 per cent of the steel in each bar at the intersection is retained. Contrast this with the loss of 50 per cent of the metal where the ordinary, mitered joint is used. Muntins run continuously from head to sill and from jamb to jamb. Abundant reserve strength for emergencies, such as storms, is assured.

Butts and Weathering. All ventilators are horizontally pivoted 2 in. above the center by means of two external, adjustable, solid rolled steel butts. The broad, flat, double contact all the way around of venilator with frame makes the Fenestra Sidewall window weather-tight.

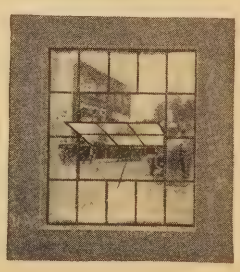


Fenestra Hardware. Complete hardware is supplied with each Fenestra window. This includes a cam latch which clamps the ventilator shut, and a rolled steel stay-bar, notched to hold the ventilator open at any desired angle.

A lock washer, placed between nut and cam bracket, insures permanent tightness of latch.

For ventilators above easy reach from the floor, cam handle and chain instead of cam handle and stay-bar may be had at no extra cost. With this equipment, the chain is attached to the handle through a hole, is passed through a pulley at the head of ventilator, then down to within easy reach, and back again to the cam handle.

Thus, a downward pull on the chain lifts the handle and opens the ventilator. A chain cleat attached to the sill, holds the chain at any link necessary to give the desired opening of ventilator.



The purpose of windows is to provide daylight and fresh air. Compare the wood window with the Fenestra steel window. Which offers more of these vital elements?

REG U.S PAT. OFF.

CEL-O-GLASS

U.S PATENT 1,580,287

DURABLE
TRANSLUCENT
ECONOMICAL

A lightweight material made on a wire mesh base that admits light almost as freely as clear glass. The Sun's healthful ultra-violet rays pass through it.

CEL-O-GLASS is hailproof, heatproof, cold-proof and weatherproof.

No. 63100

CEL-O-GLASS comes in rolls, 28 or 36 inches wide and 100 feet long. A standard roll, 100 ft. long and 36 in. wide, weighs 44 pounds. It can be cut to any required size or shape. CEL-O-GLASS will support more than 200 pounds per square foot.

CEL-O-GLASS is a material of many uses.

When used for poultry house windows, CEL-O-GLASS helps make chicks grow faster and lay more eggs, and prevents leg weakness. CEL-O-GLASS tends to diffuse the light inside the poultry house.

CEL-O-GLASS is also used in coldframes and hotbed sash, dairy barns garage doors and cellar windows, temporary enclosures and office partitions.

CEL-O-GLASS is used at the Poultry Farm of the U. S. Department of Agriculture, at the experiment stations of Connecticut, New Jersey, Pennsylvania, Ohio, Georgia, Alabama, Iowa, Nebraska, Wisconsin, Washington and others in the United States and Canada.

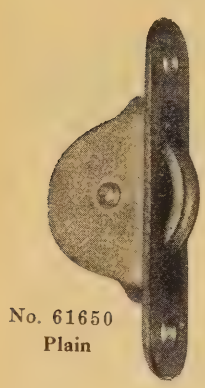
The front or rear porch enclosed in CEL-O-GLASS makes an extra room at low cost. By using CEL-O-GLASS for this purpose, the ultra violet rays of the Sun can be used during cold weather.

CEL-O-GLASS can be easily installed; a hammer and staples are the only material needed.

Installation on removable frames and in a vertical position is recommended for most efficient use.

List Price Per Sq. Ft. $0.30

Sash Pulleys



No. 61650
Plain

No. 61652
Hooded

Made of cast iron with plain or polished face.

Wheel	Size of Face	Description	Price per Dozen Barrel 100 Doz.	Box 50 Doz.	Carton 12 Doz.
1¾ in.	1x4 in.	Plain Face	$0.80	$1.00	$1.20
1¾ in.	1x4 in.	Polished Face	.90	1.10	1.30
		Weight, per dozen....3½ lbs.			
2 in.	1x4 7/16 in.	Hooded Plain Face	$1.00	$1.20	$1.40
2 in.	1x4 7/16 in.	Hooded Polished Face	1.10	1.30	1.50
		Weight per dozen....4½ lbs.			

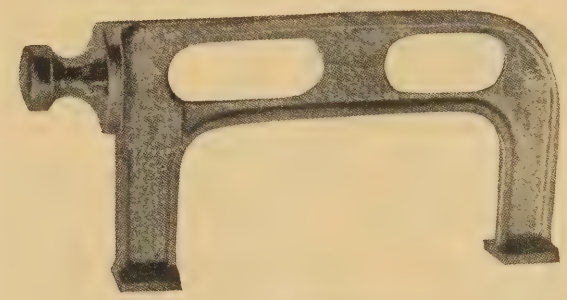
Frame Bolt

No. 60351

Wrought Tobin Bronze Chamfered Head Bolt for Wood Frames.

Tobin-Bronze Bolt for wood or metal covered frames. These bolts are also made from galvanized steel.
List Price per pair.....$1.10

Window Cleaner Anchors

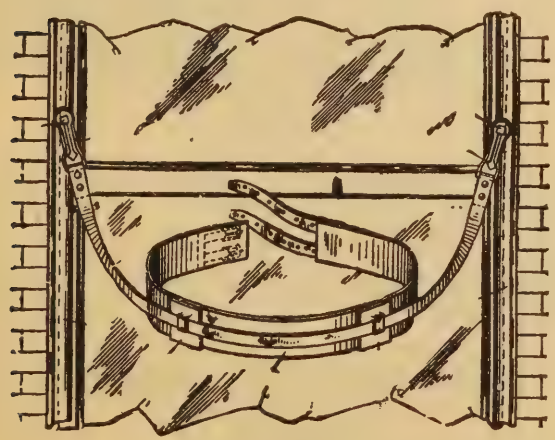


No. 60352

Latest Pattern Universal Bronze Anchor. The cement binds through cutout parts.
List Price per pair.....$2.00

Standard Safety Window Cleaning Devices

Efficiently Assures Safety for Outside Window Cleaners



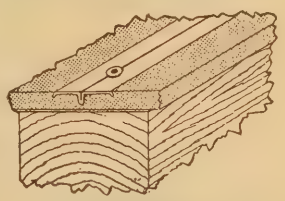
No. 60350

Adjustable Safety Belt Connected to Window Frame Leather Belt, complete with Bronze Belt Terminals.
List Price each.....$33.00

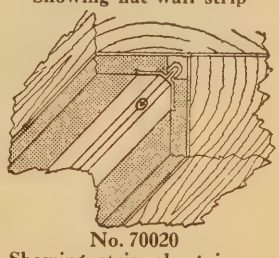
Tite-Joint Binder

A new method for fastening wall board and covering the joints of interior walls, partitions and ceilings. It is a RUST-PROOF METAL MOULDING, exceptionally efficient. It eliminates the use of projecting wood muldings, and other unsatisfactory seam covering. Makes an even, smooth, sanitary and air-tight connection at all Wall Board Joints. The Binder fits flush aginst the Wall Board, and can be papered or decorated. Tite-Joint Binder is ⅜ in. wide, and is furnished in standard lengths of 8-9-10-11-12-15 feet.

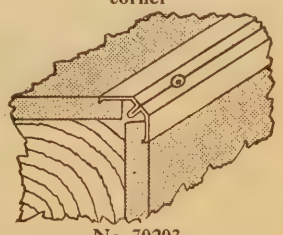
	List Price Per 1,000 Lineal Ft.
No. 70201, Flat Wall Strip....	$45.00
No. 70202, Inner Cor. Strip...	45.00
No. 70203, Outer Cor. Strip...	45.00



No. 70201
Showing flat wall strip

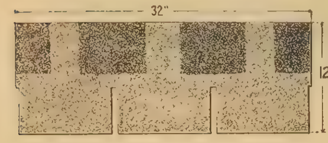


No. 70020
Showing strip along inner corner



No. 70203
Showing strip on outer corner

Anaconda-Flintkote Copperclad Shingles (Pat'd)



Cut-outs 5 in. x ¾ in., tabs 10 in. between cut-outs. Shingles 32 in. long. 90 strips per square. Use 4 large headed copper nails to each strip.

No. 71561

Natural Copper Color

Lighter portion in illustration is covered with copper 99-99% pure. Copperclad brings enduring and beautiful copper within the easy reach of all. Average approximate weight 234 lbs. per square. 3 bundles to square.

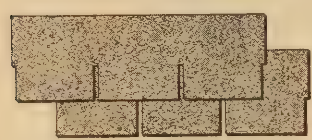
Rex Flintkote 10 Inch Strips (Pat'd)

Four shingles per Strip. Cut-outs 4 in. x ¾ in. Tabs 8¼ in. between cut-outs. Strips 36 in. long, 100 strips to square—5 nails to each strip.

No. 71653

Colors—Red, Green, Blue-Black Colordrift (Pre-assorted in Bundle) Teaneck Brown. Average approx. wt. 195 lbs. per square. 2 bundles to square.

Rex Flintkote 12 Inch Giant Strips (Pat'd)



Three shingles per Strip. Cut-outs 5 in. x 1 in. Strips are laid 5 in. to weather. Tabs 11 in. between cut-outs. 80 strips to square—4 nails to each strip—strips are 36 in. long.

No. 71654

Colors—Red, Green, Blue-black, English Red. Colordrift (pre-assorted in bundle). Colorglo, Kool-blend, Jade Green. Average approx. wt. 243 lbs. per square 3 bundles to square.

Rex Flintkote 12 Inch Giant Rex-Tyle Shingles (Thick Butt) (Pat'd)

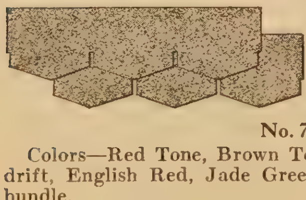
Three shingles per Strip. Strips are laid 5 in. to the weather. 80 Strips to square. 4 nails to strip—strips are 36 in. long.

No. 71657

Colors—Red, Green, Blue-black, Montauk Green, Colordrift Teaneck Brown, Tile Red.

Average approx. wt. 345 lbs. per square. 4 bundles to square.

Rex Flintkote 10 Inch Rextab Strips (Pat'd)



Strips 36 in. long and 10 in. wide at widest point. Three shingles per Strip with cut-outs ¾ in. at top. 100 strips per square. 4 nails to strip.

No. 71675

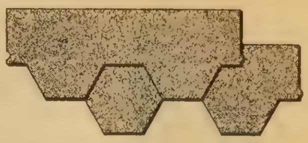
Colors—Red Tone, Brown Tone, Green, Blue-Black. Colordrift, English Red, Jade Green (4-tone—pre-assorted in the bundle.

Average approx. wt. 180 lbs. per square. 2 bundles to square.

Prices on application

Rex Flintkote 13½ in. Giant Hexagon Strip Shingles (Pat'd)

A Giant in every respect. Strips are 36 in. long and 13½ in. at widest point. Two shingles per strip. Tabs are 12 in. wide at top and 6 in. at bottom. 76 strips per square 4 nails per strip. Has end-locking device.

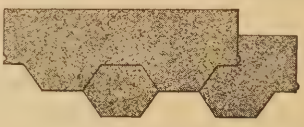


No. 71676

Colors—Red Tone, Brown Tone, Green, Blue-black, English Red. Colordrift (4-tone—pre-assorted in the bundle).

Average approx. wt. 230 lbs. per square. 3 bundles to square.

Flintkote 11 1/3 in. Special Rexaganel Strip Shingles (Pat'd)



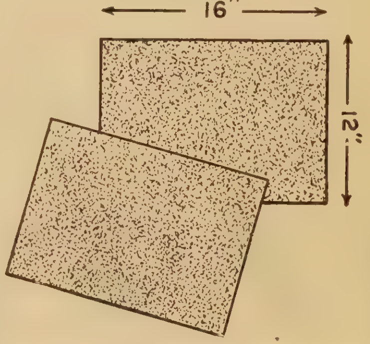
No. 71678

Strips are 36 in. long and 11⅓ in. at widest point. Two shingles per strip, 86 strips per square. 4 nails per strip. Has end-locking device.

Colors—Red Tone, Brown Tone, Green, Blue-black. Colordrift (4 tone—pre-assorted in the bundle).

Average approx. wt. 160 lbs. per square. 2 bundles to square.

Rex Flintkote Super Giant Individual Shingles



No. 71658

They are real Super Giants in thickness, size and weight. Size 12 in. wide, 16 in. long. Laid 5 in. to weather, 226 shingles per square.

Colors—Weathered Brown, Blue-black, Green, Antique Brown (Pat'd), Purple Tone, Duotone Brown, Opal, Tile Red, Dusk Blue (Pat'd) Jade Green (Pat'd).

Average approx. wt. 312 lbs. per square. 4 bundles to square.

Rex Flintkote Individual Shingles, 9 in. x 12½ in.

No. 71656

Laid 4 to the weather. 379 shingles to the square. 2 nails to each shingle.

Colors—Red, Green, Blue-black.

Average approx. wt. 235 lbs. per square. 3 bundles to square.

Prices on application

Rex Flintkote Starting Rolls (Mineral Surfaced)

No. 71602

For Starting, for valleys and for hips and ridges. Same weight material and same colors as in 87 lbs. mineral surfaced roofing—No fixtures.

9 in. wide x 36 in. long.
Average approximate weight 21 lbs. per roll.
12 in. wide x 36 in. long.
Average approximate weight 28 lbs. per roll.
24 in. wide x 36 in. long.
Average approximate weight 56 lbs. per roll.

Prices on application

No. 71601

Rex Flintkote Mineral Surfaced Roofing

Two weights
Each roll bears our Certificate of Quality

Both weights are supplied in 1 square rolls 36 in. wide and 36 in. long. Nails, cement and directions for laying are in each roll.

Average approximate weight 75 lbs.

Colors—Red and Green.

Average Approximate weight 87 lbs.

Colors—Red, Green, Blue-black.

Prices on application

Rex Flintkote K. B. Red Sheathing Paper

No. 71634

This is the best low-cost building paper on the market, made by a new process. Asphalt is introduced during the paper-making process, so that the fibres in the centre of the sheet are thoroughly surrounded and protected from the weather. This asphalt is part of the sheet itself and it is there to stay.

Rolls 36 in. wide in 4 weights, 20 lb., 25 lb., 30 lb., 40 lb., Rolls contain approximately 500 sq. ft.

Prices on application

No. 71603

Guardian Roofing

A well made, moderately priced Roll Roofing. Made in 3 weights; 35 lb., 45 lb., 55 lbs., all a smooth finish and with a talc surfacing on both sides. Rolls are 36 in. wide and contain 108 sq. ft. with necessary nails and cement, and directions for laying packed inside each roll.

Average approximate weight 35 lbs.
Average approximate weight 45 lbs.
Average approximate weight 55 lbs.

Prices on application

Rex Flintkote Black Sheathing

Saturated only. Rolls are 36 in. wide containing 500 square feet.

Average approx. wt. 29 lbs. per roll.

Prices on application

No. 71632

Flintkote Asphalt Felt—Rexalt Saturated

12 lbs. av. approx. wt. per 108 sq. ft.
Rolls contain 432 sq. ft.

24 lbs. av. approx. wt. per 108 sq. ft.

Rolls contain 216 sq. ft.

Prices on application

No. 71605

Red Rosin Sized Sheathing Paper

"Banner Brand"
No. 71633

36 in. wide—500 sq. ft. 20 lbs. per roll.

Tarred Felt Single Ply

"Banner Brand"
No. 71635

36 in. wide—216 sq. ft. wt. 25 to 28 lbs. per roll
36 in. wide—432 sq. ft. wt. 50 to 56 lbs. per roll
Prices on application

Gypsum Wall Board

No. 70904

Fireproof, strong, light in weight and a fine insulating material. Made with a very high quality paper on both sides, providing an ideal surface for any kind of decoration; furnished 32 in. or 48 in. wide, 6, 7, 8, 9 and 10 feet long.

Lise price 1,000 sq. ft. **$50.00**

Gypsum Plasterboard
No. 70905

Thickness	Size	List Price, Each
¼ in.	32x36 in.	**$0.30**
⅜ in.	32x36 in.	**.32**
½ in.	32x48 in.	**.38**

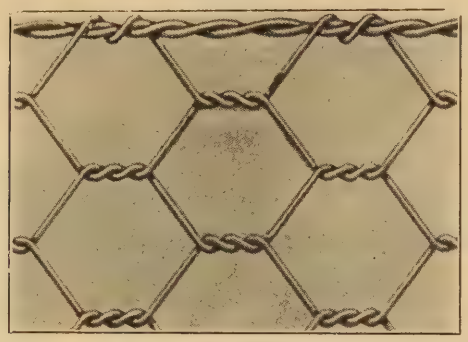
POULTRY NETTING

Poultry Netting woven with a twisted selvage which gives it additional wearing quality and makes it hang well, and easy to handle.

Netting galvanized after weaving is first cleaned in a solution of acid, then drawn through a bath of molten zinc which thoroughly covers and coats the wires, and all joints and intersections are soldered together, making a fabric of strength and durability as well as the highest grade finish.

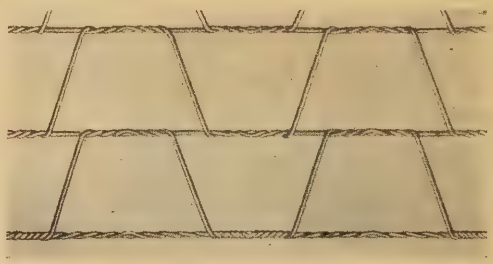
Netting galvanized before weaving fills the demand for a popular priced product. It is made of the same wire as that which is galvanized before it is made into the fabric.

Hexagonal Mesh



No. 29040

Parallel Mesh



No. 29041

GALVANIZED BEFORE AND AFTER WEAVING

List Price of One Bale 150 Feet Long

INCHES WIDE		12 in.	18 in.	24 in.	30 in.	36 in.	42 in.	48 in.	60 in.	72 in.
Mesh	Wire									
2 inch	No. 14	....	....	$17.51	$20.89	$23.87	$27.85	$31.82	$39.78	$47.73
2 inch	No. 15	....	....	13.85	16.50	19.10	22.28	25.47	31.83	38.20
*2 inch	No. 16	$6.24	$8.75	10.95	13.05	15.25	17.79	20.33	25.42	30.50
*2 inch	No. 18	....	....	6.80	....	9.27	....	12.35	15.44	18.53
*2 inch	No. 19	2.48	3.56	4.54	5.42	6.19	7.22	8.25	10.32	12.38
*2 inch	No. 20	2.14	3.08	3.92	4.68	5.35	6.24	7.13	8.91	10.69
1½ inch	No. 16	....	....	15.31	18.26	20.87	24.36	27.83	34.79	41.75
1½ inch	No. 18	....	....	9.60	11.45	13.09	15.26	17.44	21.81	26.16
*1½ inch	No. 19	4.13	5.94	7.57	9.04	10.32	12.04	13.76	17.20	20.64
*1½ inch	No. 20	3.49	5.02	6.40	7.64	8.73	10.18	11.63	14.54	17.44
1 inch	No. 16	....	....	24.08	28.73	32.84	38.31	43.78	54.73	65.67
1 inch	No. 18	....	....	14.39	17.17	19.63	22.90	26.16	32.71	39.24
*1 inch	No. 19	6.05	8.70	11.09	13.24	15.13	17.65	20.17	25.21	30.25
*1 inch	No. 20	4.95	7.12	9.08	10.83	12.38	14.44	16.50	20.63	24.75
* ¾ inch	No. 20	7.71	11.09	14.14	16.88	19.28	22.50	25.71	32.14	38.56
Square Feet in One Bale		150	225	300	375	450	525	600	750	900

* Furnished Galvanized before weaving.

Unique Features of Parallel Mesh

Built like a farm fence, this parallel netting mesh is strictly the original straight-line netting. Its parallel line wires run the full length of the roll, providing a continuity of strength to the whole. The mesh wires are locked firmly to the line wires by hinge joints which cannot slip, spread or unravel.

Does not bag or buckle, because it stretches straight with uniform tension from post to post, of either steel or wood.

No wood top rail, no baseboard is required. Thus the cost of lumber, time and labor is saved, greatly reducing the cost of the finished job, which is at the same time a neater, more indestructible fence.

Ideal for building "runs", as it can be stretched, taken down, and re-stretched repeatedly.

Easiest to handle, it cuts readily, quickly—without waste!

Costs less "put up" than ordinary netting, as it requires no wood frame, and fewer posts.

From its compact rolls it rolls out perfectly flat, and when stretched it keeps its uniformity and rigidity.

Parallel Mesh "stands alone"—because of its superior, patented construction.

Parallel Mesh fulfills your *every* requirement!

GALVANIZED BEFORE AND AFTER WEAVING

List Price of One Bale 150 Feet Long

INCHES WIDE		12 in.	18 in.	24 in.	30 in.	36 in.	42 in.	48 in.	60 in.	72 in.
Mesh	Wire									
*2 inch	No. 19	2.48	3.56	4.54	5.42	6.19	7.22	8.25	10.32	12.38
*2 inch	No. 20	2.14	3.08	3.92	4.68	5.35	6.24	7.13	8.91	10.69
*1 inch	No. 20	4.95	7.12	9.08	10.83	12.38	14.44	16.50	20.63	24.75
Square Feet in One Bale		150	225	300	375	450	525	600	750	900

* All sizes furnished Galvanized before weaving.

We can furnish a complete line of lawn fence, gates and steel posts. Catalogue and prices on application.

Stone Wire

No. 28080

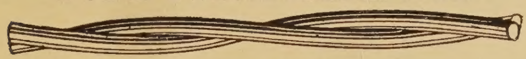
Furnished bright, annealed, galvanized, tinned and coppered finished. Gauge 16 to 36. Put up in coils weighing 12 lbs. Paper wrapped. Prices on application.

Twisted Ribbon Wire

No. 28070

Galvanized, made from ½ in. No. 17 gauge wire and extra galvanized. Weight approximately 9 ft. to the lb.—Put up in catch weight bundles approximately 105 lbs. each.

Round Twisted Ribbon Wire



No. 28071

Furnished painted, galvanized, or annealed wound on reels in catch weights. Regularly made in two, three, and four ply No. 8, 9, 10, 11, 12 12½, 13 and 14 gauge wire.

Spring Steel Fence Wire

No. 28030

Gauges 7 to 12 inclusive put up regularly in catch weight bundles but can also be furnished in even 100 lb. bundles.

Soft Annealed Wire

No. 28001

Gauges 8 to 18 inclusive put up in 100 lb. bundles. Plain or galvanized.

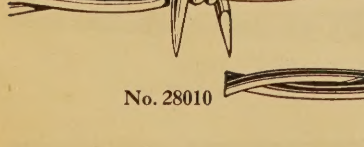
Bright Hard Wire

No. 28040

Gauges 6 to 18 inclusive put up regularly in catch weight bundles but can be furnished in even 100 lb. bundles. Also furnished straightened and cut to any length.

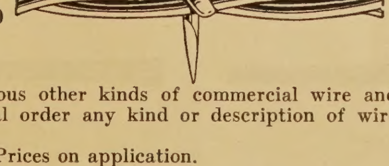
Barbed Wire

Galvanized or painted. Furnished in catch weight reels of approximately 100 lbs. or in 80 rod spools. Made in thick set or hog wire or in regular or cattle wire. Two, three or four barb spaced three, four or five inches apart.



No. 28011

No. 28010



We handle numerous other kinds of commercial wire and can furnish to special order any kind or description of wire desired.

Prices on application.

STAPLES

Ribbon Wire Staples

No. 21994

For stapling flat twisted ribbon wire. Cut from No. 9 wire in 1½-in., 1¾-in. and 2-in. lengths. Price same as fence staples.

Metal Lath Staples

No. 21992

Furnished in standard size, 1 in., 1⅛ in., 1¼ in., and 1½ in. No. 14 gauge. Principal demand is for 1 in.

Furnished in following finishes: BLUED, POLISHED or GALVANIZED.

Note: Blued staples packed in paper lined kegs are considered Standard and will be furnished unless otherwise specified. This finish usually called for because lathers carry in mouth, and process of manufacture insures a sanitary product, free from grease and dirt. There is a growing demand for this style staple same as for sterilized blued lath nails.

Galvanized Hoop Staples

No. 21991

Used for Putting on Wire Hoops
Full Size ½-in.—No. 14 Gauge Wire, ⅝-in.
Number of Galvanized Wire Hoop Staples to the pound

⅝ inch, No. 14 568
½ inch, No. 14 610

Poultry Netting Staples

No. 21993 Galvanized
Number of Poultry Netting Staples to the pound

¾ inch, No. 14 480
⅞ inch, No. 14 416
1 inch, No. 14 352

Prices on application.

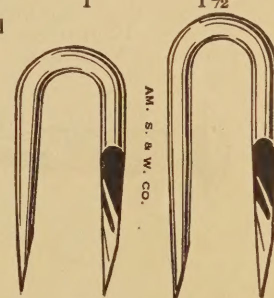
Fence Staples

No. 21990

Annealed, Polished or Galvanized

Length	Approximate No. to Lb. No. 9
¾	152
⅞	120
1	108
1⅛	96
1¼	87
1½	72
1¾	65
2	58
2¼	47
2½	40

1″ 1½″



Am. Steel & Wire Co.'s Steel Wire Gauge

Made of No. 9 gauge wire ....base price
Made of No. 8 gauge wire or coarser...25c per 100 lbs. extra
Made of No. 10 gauge wire ....20c per 100 lbs. extra
Made of No. 11 gauge wire ....30c per 100 lbs. extra
Made of No. 12 gauge wire ....45c per 100 lbs. extra
Made of No. 13 gauge wire ....65c per 100 lbs. extra

Staples longer than 2½ inches and up to 3 inches, 50 cts. per 100 lbs., extra. Cannot furnish staples longer than 3 inches.

Annealed staples same priced as polished.

Barbed staples, all lengths and gauges, 25 cts. per 100 lbs.

Oiling staples, 15 cts. per 100 lbs., extra.

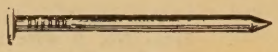
ALL ABOVE STAPLES PACKED

Kegs ....100 lbs. net
Wooden Boxes ....50, 25, 10, and 5 lbs. net
Paper Cartons ....25, 10, 5 and 1 lbs. net

NAILS

Plain Wire and Cement Coated

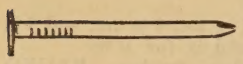
Common
No. **20370**



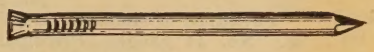
Smooth Box
No. **20221**

Finishing
No. **20625**

Slating
No. **21965**

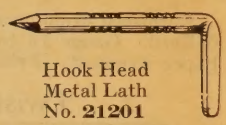


Shingling
No. **21942**

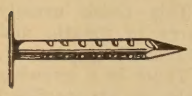


Flooring
No. **20251**

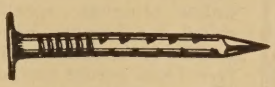
Special Plaster Board
No. **21610**



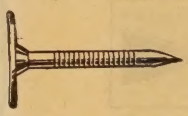
Hook Head
Metal Lath
No. **21201**



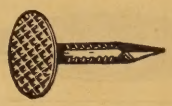
1″
Large Flat Head
Barbed Roofing
No. **21805**



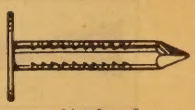
Standard
Barbed Roofing
No. **21808**



Felt Roofing
No. **21806**

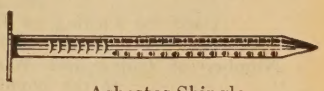


Ideal Roofing
No. **21807**

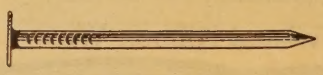


½″ head
Plaster Board
No. **21605**

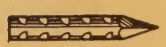
Casing
No. **20320**



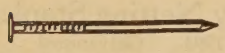
Asbestos Shingle
No. **21940**



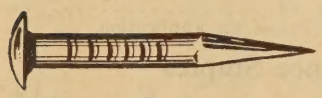
Wood Shingle
No. **21941**



Dowel Pin
No. **20410**



3d
Sterilized Blue Lath
No. **21702**



Light Oval Head Diamond
Point Hinge
No. **20818**

Heavy Oval Head D.P.
Hinge
No. **20818**

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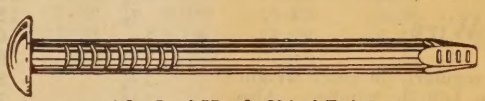
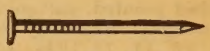


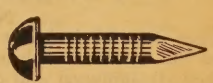
8d Oval Head, Chisel Point
Light Hinge Nails
No. **20816**



Furrier Needle Point
No. **20220**

Duplex Head
No. **20425**

Anchor No. **20104**



Stub No. **21985**

CUT

Roofing
No. **24405**

Fine
No. **23210**

Shingle
No. **24520**

Box
No. **22825**

Common
No. **22970**

Floor
No. **23230**

Sheathing
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No. **23220**

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